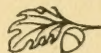


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VOL. VII-No. 3

OHIO STATE UNIVERSITY MONTHLY

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*LET'S HAVE ONE HUNDRED
MEETINGS. GET TOGETHER
FOR THE OLD VARSITY.
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LITTLE DORM. '90 GIVES A
BOOKPLATE. WHAT PUB-
LICITY WILL DO. PREXY
AS A PROPHET. OCTOBER
FOOTBALL GAMES. AGRI-
CULTURE IN JAPAN.*

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PUBLISHED BY THE
OHIO STATE UNIVERSITY ASSOCIATION
AT COLUMBUS

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Joseph S. Myers, A. '87, Ohio Union Ohio State University

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J. H. Galbraith, '83, Associate

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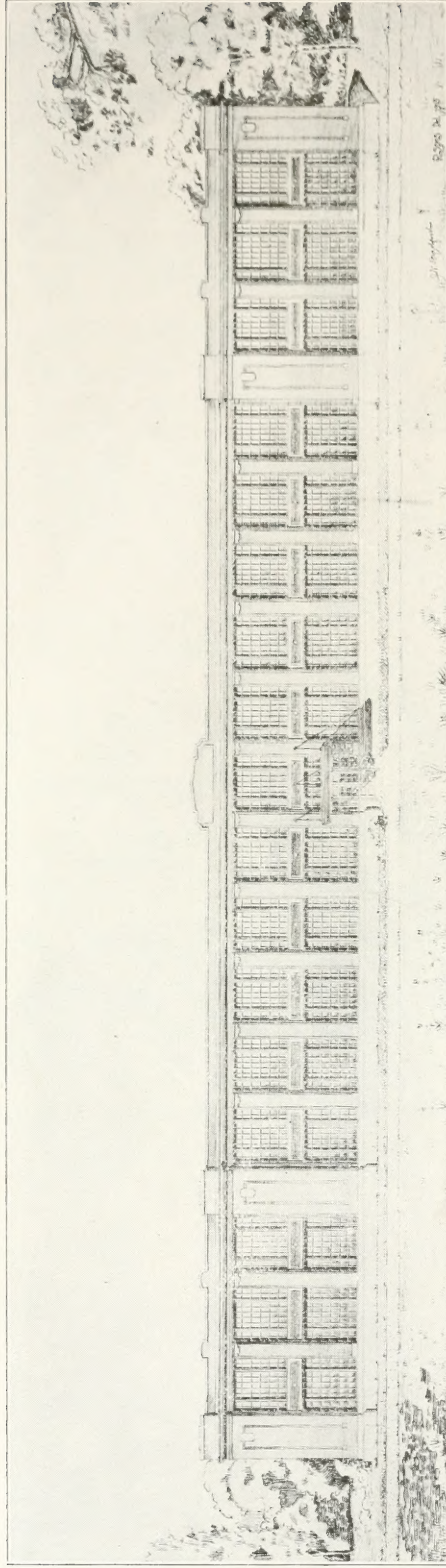
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New Shop Building for the University



It will be located north of the power plant and will cost \$120,000. It is to be 250 feet long and 150 feet wide and will provide five times as much room as the present quarters of the shop department in Hayes hall. It is to be constructed on the modern factory type, with extra large windows. Forty-seven thousand square feet of glass will be necessary.

Ohio State University Monthly

Volume VII

NOVEMBER, 1915

No. 3

EVENT AND COMMENT

OHIO STATE DAY, FRIDAY, NOVEMBER 26

The responses from letters sent out by the secretary to local Ohio State organizations indicate a general and spirited celebration of Ohio State Day. The importance and appreciation of this Day have increased every year since it was made a fixture on the University calendar. In 1914 there were 75 meetings over the country, and the effort is now being made to boost the number to 100.

Not every county in Ohio is organized, but we are working on that problem with every prospect of success, particularly with the aid of the undergraduate committee of 88, which did such splendid service in the past. These student representatives will get in touch with the officers of the home organization and co-operate in the planning of the program and getting out the men and women. Most of the students go home for the Thanksgiving recess and expect to attend the celebration, whatever it may be, carrying with them a breath of the campus and the youthful exhilaration so much needed in some places.

Let every Ohio State man and woman join in the celebration of Ohio State Day. "It is a mutual obligation of gratitude and affection for benefits received, held against us by the University, for the payment of which we are jointly and severally in honor bound."

HERE ARE THREE QUESTIONS; Can You Answer Them?

Are Ohio State, as an institution, and its students and alumni, too modest?

Are Ohio State men as loyal as those of Yale and Harvard and Princeton?

Are they as ready to show their interest and spirit in season and out?

These questions are often asked, and variously answered. The matter of publicity enters into the first query, and perhaps is adequately answered by the amazing increase in number of students in the past decade. If growth depends on advertising, the University must be getting it somehow. Have we not reached in the point when every student and every graduate may supply the publicity, when the hallmark, "Ohio State," means as good as the best? Ideals are still a long ways from attainment, but they are always in sight. No Ohio State man or woman needs be ashamed of the alma mater, for it ranks among the leaders in education, and if we see faults it is because we are jealous of her good name and future. Her sons and daughters are modest, of course, but they need not be too modest.

Are they as loyal as those of Yale and Harvard and Princeton? If loyalty consists alone in shouting and spending money perhaps not, but with the added years will come more of those things that make for sentiment. It has been argued that State institutions can never foster the spirit of endowed schools, but the best answer to that contention is the fine spirit of the University of Michigan, for example.

That Ohio State men are manifesting increased interest and spirit, cannot be denied. This fact is especially evident in their attitude toward the alumni association. Not many universities have been able to rally its old students as we do on Ohio State Day, so that in nearly 100 places, all over the country, men and women come together to display their loyalty and to plan for the advancement of the old school. And as the years roll on, the dormitories, the gateways, the chimneys tower, and other monuments to the love and sentiment of the children of Ohio State will find their places on the campus.

OHIO STATE REGISTRATION NEARS THE 6000 MARK

September predictions of 6000 students in the University in this school year have not been strictly verified, but the guess was near enough for all boasting purposes, if you are inclined to boast. Considering the fact that some of the other large universities have admitted a falling off, the gain shown here is remarkable. Without doubt Ohio State will rank among the first ten in point of attendance.

A comparative statement of the registration in the University, made about the middle of October, shows the enrollment by colleges as follows:

	Last Semester	This Semester
Arts	938	1175
Arts-Education	23	69
Agriculture	1042	1026
Engineering	860	941
Pharmacy	90	93
Law	199	159
Veterinary Med.	179	159
Education	272	407
Graduate School	117	170
Optometry	8	15
Homeopathic Med.	38	34
Dentistry	121	158
Medicine	220	184
Totals.....	4107	4590

With the summer registration of 1033 and the three-year agricultural students, 213 added, the total reached well up to 5900.

MORE NEWS IS WANTED ABOUT STATE FOOTBALL

A member of the association, living in Washington, D. C., writes: "I was very agreeably surprised to read the score of our game with Illinois, but was somewhat disappointed because, in our papers here, only the bare score was given, whereas other Western Conference games were given about a fourth of a column, even the line-up of the teams, in some instances. Now there are quite a number of Ohio State alumni and ex-students in Washington and a very large number of other Ohioans, all of whom are glad to get news from Ohio, and I am sure it would be greatly appreciated if you would kindly tip off your University press agent to send seasonable items to the local papers occasionally."

This correspondent was told that the Washington newspapers undoubtedly would heed a request for publication of longer items about the football games if it was made by Washington readers, and that this matter could properly be attended to by the officers of the local association. The news is sent out by the Associated Press and other press associations, and it is only a question of the editors being told of the demand for it.

This subject of publicity for Ohio State is one that may well be considered by local associations all over the country.

AND IF NOT, WHY NOT?

Certainly there is nothing matter with '13 as a class, but here are two individual expressions from members of the class that are interesting to say the least: In answer to a

departmental questionnaire as to marriage one of them replied fervently, "Not yet, thank God." The other man said: "Goodness, no." However, they are young.

RAMBLES ROUND THE CAMPUS

By Melvin Ryder, '15

That the average undergraduate lacks philosophy, that he is impervious to points of view and interpretations, is a charge recently made. Such an accusation cannot be successfully sustained in the case of Melvin Ryder, '15, whose editorials in the Lantern last year received much favorable comment on the campus and away from it. Half a hundred of these editorials have this fall been put in book form, with the title "Rambles Round the Campus." The author has a true perspective of college life, an appreciation of its advantages and privileges and obligations, and what is even rarer, possesses the ability to show them to others, convincingly and sympathetically. Mingled with fresh and helpful philosophy, is a keen and gentle sense of humor, so often lacking in writing of this character. The Rambles are well worth the reading of alumni as well as undergraduates.

SET LARGE COMMITTEE AT WORK FOR THE DAY

Charles G. Bond, '99, New York, director of the association, and president of the New York Association, writes to the general secretary as follows:

"My idea of a successful Ohio State Day meeting is one which is run by a large and active committee. The larger and more active the committee, the more people you have who are really interested in the meeting. I also think it a prime essential that the toast-master be a live wire, somebody with plenty of enthusiasm and gaiety. A committee that will start things off promptly with plenty of enthusiasm helps along. Many meetings become dry and uninteresting because there has not been somebody to start the songs and cheering. All these are such elementary facts, however, that they can hardly come under the heading of suggestions. The real thing is to keep these in mind and actually do them."

THE OUTLOOK DISTINGUISHES TWO OHIO STATE GRADUATES

When a magazine like the *Outlook* devotes two editorials in one issue to the work of two graduates of Ohio State it is a matter of pride for those of us who in less conspicuous way have tried to give honor to Dorothy Canfield, '99, and Benjamin G. Lamme, '88. We reproduce in this number of THE MONTHLY the *Outlook's* appreciation of Mr. Lamme. The article about Dorothy Canfield referred to a paper from her pen in the *Outlook* two or three weeks earlier entitled "A Peep Into the Educational Future," a discussion of outdoor schools, concluding her description of one of these schools in the following words:

"What will it mean in the end? Does it mean that those children who grow up used to simple, natural surroundings, in which a child's soul and mind are at home, will, as adults, so appreciate these blessings that they will insist that all schools shall be like theirs? Will they turn over their babies to a school-home where the almost lost art of an intimate relationship with life as a whole is preserved? Or will they go further still and reconstruct

their own homes on that basis? I don't know. Nobody knows. But though I don't know where the road leads, I do not fear, as I look back on those clear-faced, vital, vigorous children, to leave the future in their hands."

SENDING STUDENTS TO OHIO STATE

This extract of a letter to THE MONTHLY from B. E. Pontius, '14, in charge of the animal husbandry department in the state school of agriculture, Alfred, N. Y., shows how an alumnus or former student helps sing the praises of his alma mater:

"I am trying to boost Ohio State whenever the opportunity presents itself. Two young men from here were induced to enter Ohio State last week because I took the time to tell them of our great institution of learning. I have another man lined up to enter next fall. I might add that the school of agriculture here does not give a degree and the University is confined largely to arts, music, ceramics, theology and literary work. When we find we do not have what the students want, then I say Ohio State."

Regrets For the Little Dorm

William A. Hiatt, '95, an attorney of Okmulgee, Okla., wrote a letter to Lowry F. Sater, expressing his regret at his inability to attend the twentieth reunion of his class last June. Below are given interesting extracts:

It would have been a great pleasure to meet the fellows I had not seen for so many years. However, along with this there would have been an element of regret over certain changes about the University—changes that do not mark progress. For example, the passing of Alcyone Literary Society and the reported converting of the Little Dorm into a hospital for the new medical school are to be regretted.

The doing away with Alcyone and Horton Literary Societies seemed to me to be a severe reflection upon the Alumni of those societies, upon the University Alumni in general, and particularly upon those living in Columbus, and also upon the administration. It seems to me, and others join with me in the opinion, that the ordinary student requires this training afforded only by these societies, and the absence of this training marks the present graduate from the general course at O. S. U. as inferior to the graduate of the ordinary college. While the graduates of the technical and professional courses may rank higher than those of the other Ohio colleges, as you no doubt know, it is becoming more and more to be remarked that the O. S. U. no longer affords as good a training in the general college course as do some of the other Ohio colleges.

Are these two old literary societies dead beyond the possibility of revival? It seems to me that because of the associations, if for no other reason, these societies should be revived and continued. Can it not be done?

I have heard that the Little Dorm has been converted into a building for the use of the medical school. Is this true? If so, the

doing of this is nothing short of desecration. If it is true there is certainly a reflection upon the Alumni Association, and, in particular, upon the alumni residing in Columbus. Personally I would far rather any other building on the University be destroyed. In fact, as a matter of sentiment, I would rather have the Little Dorm preserved than all of the other buildings together. When I think of the O. S. U. I instinctively think of the Little Dorm.

During my time there among the Little Dorm students there were several captains in the battalion, the winner of the prize sword, the captain of the Portsmouth Company, the leader of the band, captain of the baseball team, three members of the baseball team, the manager of the baseball team, two members of the football team, the winner of the oratorical contest, four presidents of Horton, three presidents of Alcyone, four presidents of Kirtland, several class presidents, three editors-in-chief of the "Lantern," several literary society representatives in the annual contests. The class standing of the students there not only compared favorably but contrasted strongly with that of any other boarding club. The proportion of all south Dorm students who graduated was much greater than that in the big Dorm or in any other boarding club. A large number of the graduates in those times spent a time, longer or shorter, in the Little Dorm. Four or five members of the present faculty are Little Dorm men and know of those old times. Five of the Class of '95 were Little Dorm men, and there were various other so-called college honors held by Little Dorm men. Naturally the students who had their college home in this building were drawn close together. Because of the associations arising out of life there, this building means very much to some two hundred former students.

Thanks to Bill Oversight

Editor MONTHLY:

The enclosed notice of May 18 was no doubt received by me several days later and having been laid away for "several days," came mighty near being buried in everlasting forgetfulness. But thanks to the "Card of

Thanks" on inside of back cover of the October MONTHLY, there will be no longer any need of Old Bill Oversight continuing on the job—at least as far as this member is concerned. Herewith my check for \$2.00, also apology for the neglect.

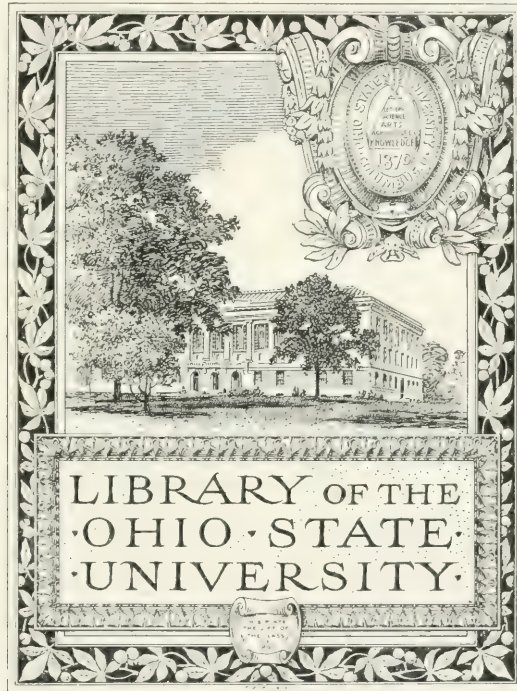
'90 Presents a Bookplate

A general book plate for the Ohio State University has been presented by the class of '90 as its memorial of its twenty-fifth anniversary celebrated last June. The drawing was made by Professor Thomas Ewing French, '95, and those who have seen it have pronounced it a beautiful piece of work.

Some six or eight months ago, Mrs. H. P. Ward (nee Caroline Pocock) ex-'90, suggested to Prof. Charles B. Morrey, Presi-

in any event to make up any deficit which might result from the production of the very best possible design and the finest of workmanship in the engraving.

Mrs. Ward was made a committee, with power to act in conjunction with Prof. French, to secure a tentative design, with the understanding that Professor French was to use his best efforts and secure the best engraver in America to make the plate.



BOOKPLATE PRESENTED BY '90

dent of the Class of 1890, the advisability of a general book plate to be given to the University as a twenty-five year memorial from the class at its commencement reunion in 1915. Prof. Morrey consulted Professors White and Arnold and Miss Bertha Scott, the suggestion meeting with approval. These members of the class, as a committee, placed the matter before the other members of the class, through some sixty letters, written by Dr. Morrey, personally. Mr. Ralph D. Merston, with his characteristic enthusiasm and generosity, expressed a willingness to bear the entire financial burden and agreed

The rough design was completed and approved by the entire committee, after which Professor French prepared the final drawing from which the accompanying temporary reproduction has been made for use in "Some American College Bookplates," the joint compilation of Major and Mrs. Ward.

Arthur N. McDonald of East Orange, N. J., co-worker with, and in many respects the successor to, the late Joseph Winfred Spencely, of international fame as a bookplate engraver, has been commissioned by Professor French to engrave the plate. It is hoped that the work will be finished

before another issue of THE MONTHLY.

The friends of the movement feel that Ohio State will possess a bookplate equal to any of the well known bookplates in use at the Universities of Harvard, Missouri, Michigan and Stanford. This plate will be the last word in bookplate making, and Prof. French is to be congratulated on the senti-

ment and beauty of his design.

Professor French, by the way, is acquiring a reputation much more than local for bookplate designing. He is now at work upon the drawing for a new Siebert Collection bookplate, the original having been lost. The new Coleman Collection plate is also in Professor French's hands.

Storer, '91, Scores a Success

A new high voltage railway equipment, designed by Norman W. Storer, '91, general engineer of the Westinghouse Electric and Manufacturing Company, has been running successfully since last June and is attracting attention among electrical engineers and railway officials. Mr. Storer has written a description of it, which has been published in both the *Electric Journal* and in the *Electric Railway Journal*. The latter publication contains the following editorial comment:

"In this issue is recorded another step, one might almost say jump, in the climb of voltages for d.c. railway equipment. The Michigan United Traction Company, already famous for its pioneer work in electric railway engineering, stands sponsor for a 5000-volt installation on one of its lines. At present the equipment is considered to be hardly clear of the experimental stage, as emphasized by N. W. Storer in his description of the motors and control which we publish elsewhere. But judging from the astonishing results obtained on the 2400-volt Butte, Anaconda & Pacific installation which was regarded hardly two years ago with considerable trepidation on account of the high voltage, this qualification may perhaps be due to super-modesty on the part of those who have made such a notable advance.

"In so far as concerns the voltages impressed upon the motor commutators there is nothing startling to be found—a characterization that, however, by no means applies to the design—because the line emf. is split up by permanently coupling the four motors in pairs, and in addition, building each motor with twin armatures in series. Thus across each commutator there are normally but 1250 volts. As a whole the equipment is a marvel of ingenuity in the application of familiar principles. Among the most interesting elements are the double-break switches with chilling pieces to kill the arcs, the storage battery charged from the ground side of the circuit which supplies the auxiliaries and thus eliminates the frequently-troublesome motor generator set, and last but by no means least the mercury vapor converter by means of which the three-phase power is transformed to the d.c. form.

"As the rectifier has unquestionably had considerable influence in making the 5000-volt equipment a commercially attractive proposition the disclosure of its remaining weaknesses and peculiarities, which must necessarily follow its use in such a conspicuous installation, will be awaited with interest."

Unusual Students Enrolled

John Edmundson, aged 46, and son, John Edmundson, Jr., aged 16, of New Lexington, have entered the Ohio State arts course. Last June both father and son were graduated from the New Lexington high school, the father having made up sufficient school work to get the diploma he had failed to secure 20 years ago. The elder Edmundson is an insurance agent.

The youngest boy to enroll this year was Whitney A. Borror, of Columbus, who was

15 January 1. He was graduated from North High school last June and enters the engineering college. He is said to be the youngest student in O. S. U.'s history.

Two deaf and dumb students are in the University this year, Charles M. Bohner, of Altoona, and Denver Williams, who has completed a four-years' course at Wilmington College, Ohio. The former is specializing in chemistry and the latter is in the agricultural college.

Outlines of Agriculture in Japan

By JUNTOKU YAGI, B. S. A., M. S., '10, '11

Chapter I

Condition of Agriculture

1. POSITION OF AGRICULTURE.—Indeed, Japanese agriculture has a very remote origin. Historically considered, the Emperors, generation after generation, directed their attention to the encouragement of this noble industry; consequently, in the earliest times, it already accomplished a phenomenal development, of which the people were so proud that they used to call their land "Mizuhono Kuni" (literally translated: the "Land of Luxurious Rice Crops"). Such being the case, it is no wonder that agriculture in any age of past, formed the basis of the national resources.

Although the width of our Island Empire is limited, the length is very large and reaches as much as 3,000 miles; therefore, her extremities touch two zones, the temperate and torrid. Moreover, the soil being very fertile and climatical changes moderate, there are found numerous varieties of plants growing luxuriantly and the crops are, in the greater portion of the land, raised twice a year. In this respect, Japan may well be called a country most congenial with farming. Thus, in spite of the limitedness of the area of her arable land, it brings forth so enormous an amount of produce, that caters to the people not only with abundant foodstuffs, but also with abundant manufacturing material of industry. Consequently, the manufacturing industries have found much means of development and this proved to be such a contribution for the development of national economy. Agricultural callings are not important in connection with economy only, but are important in social, for, when considered from a hygienic viewpoint, they present another significant aspect. It will be observed that, compared with those who are engaged in commerce or manufacturing industry, the farmers, as they are in any other country, enjoy better health and have sounder constitution; and their death rate is low, while the birth rate is high. It is, therefore, quite natural that they furnish to the army and navy more recruits than other classes of people. Next, observing from an ethical point of

view, their simplicity, frugality and diligence considerably bear sway over public morals and, consequently, contribute much good to the welfare of the nation. Such being the case, it is hardly necessary to say that agriculture should be held in high esteem for the sake of the existence of our country.

2. FARMERS AND THEIR CONDITIONS.—The number of the farming households was 5,510,000 at the end of 1912, that is, about 60 per cent. of all the households in the country. Of the farming households, about 32 per cent. has other occupations, besides farming. The total number of farmers cannot be exactly ascertained, as a proper investigation has not been made; but judging from the average number of persons per household, it is, at least, no less than 30,000,000.

In recent years, there has been a growing tendency that the tillers of land give up their callings for other walks of life, owing to the development of commerce and industry and, also, emigration and colonization. Although the Agricultural population is prevented from falling off by its natural increase, the statistics present an indisputable fact that those farmers, whose occupation is agriculture only, are decreasing in number, while those farmers, who follow it together with other callings, are increasing, and that the ratio of farming households against the total number of households in the country is diminishing gradually. However, when regarded from the viewpoint of labor demand and supply, there are, in the country, many places, where the want of the year—or day-labor—is very pronounced at times. Notwithstanding, the point is that such places, as suffer from an utter scarcity of tenant farmers, are rare, save a few exceptions.

The farmers are generally classified among three categories, the landowner, peasant proprietor and the tenant farmer. The first-named farmer is one who rents his land either totally or partly and lives on the rent; the second-named is one, who cultivates his own land and depends chiefly on the harvests raised therefrom for his family's livelihood; and the third-named is one, who rents farms

from land-owners and tills them himself. According to the statistical reports taken at the end of 1912, the number of the peasant proprietors amounted to 32 per cent. of the total number of farmers, that of the tenant farmer 28 per cent., and that of those who are at once peasant proprietors and tenant farmers, reached 40 per cent. It is necessary to mention here, however, that some number of small landowners was included in the peasant proprietors. Besides, there is a very small number of landowners, who do not put themselves to the actual cultivation of field.

3. AGRICULTURAL LAND AND ITS CONDITION.—Japan, as stated at the outset, is narrow, but long in configuration, and there run through her great tangled mountain-chains. In consequence, there are few large plains; yet open fields are found almost everywhere along rivers or coasts and are fully exploited as arable land. The area of land under cultivation amounts to about 4,500,000 acres; in other words, 15 per cent. of total area of the country. Of the acreage, about a half is taken up by paddy field and another equal portion by upland field. Besides these two kinds of farm, there are some fields, which are set aside for grazing and other purposes, and which cover an area of about 1,500,000 acres. Again, of the land under cultivation, what is worked by its owner is almost equal, in area, to what is tended by tenant.

Below is given a brief explanation of the utilization of agriculture lands of various descriptions:

(a) Paddy Fields—Paddy fields are, of course, for the raising of rice and are filled with water in the summer season. Rice being the staple food of the Japanese, its cultivation is comparatively profitable, and almost every piece of field, so far as it is provided with ample irrigation facility, is developed as paddy field. Under the circumstances, the paddy field is generally twice or thrice higher in price than that of upland fields. It, after the rice crop is harvested and water is drained off, can grow other crops, such as barley, naked barley, wheat, rape, or weeds for manuring its soil. The paddy field is harvested twice a year, is called the double crops field. But this is not the case with all the paddy fields; some cannot yield any more than once a year, because of their having bad drainage, or the cold climate that prevents

raising the winter crop. Within the last few years, however, as a result of the adjustment of arable land and advancement of the method of cultivation, a great deal of the lands of single crop was changed into that of double crops, which shares 40 per cent. of the total area of paddy field.

b) Upland Fields—Uplands are those farms which being located in high and dry places, are destitute of means of irrigation and cannot be converted into paddy fields. The utilisation of the upland field is common by the rotation system and two crops are raised a year; namely, as the summer crops, such harvests as the soja beans, sweet potatoes, millet, or such raw materials for manufacturing industry as tobacco, hemp, sugar-cane, indigo, and vegetables are cultivated, and as the winter crops barley, naked barley, wheat, rape and vegetables. With reference to cultivating vegetables in the farmlands outlying a city, the utilisation of land is so extremely intensive that, at least, three crops are produced a year. As to the plants, which are cultivated in upland field, there are the mulberry, tea, fruit trees, paper mulberry and others, among which the mulberry is, of course, most important, in connection with sericulture.

(c) Plains—The plain here refers to those portions of land, overgrown with grasses, which are located in high land or mountain-slope or in secluded places. The employment of a plain aims at the growing of fodder. The grasses growing in woods, foot-paths and banks of paddy fields serve also for the same purpose, and their profits can not be overlooked.

Adjustment of Arable Land—The allotment of tillable lands is generally narrow, small and irregular in shape; moreover, in allotting them, care has been neglected in providing roads, water-courses, and equipment of irrigation and drainage. In order to remedy the circumstances and facilitate agricultural administration, the government enacted the Law of Arable Land, in 1900, for granting many privileges, as a measure of encouragement, to the landowners, when they have decided to carry out a joint adjustment of their holdings. Ever since the enactment of the law, the work was started at more than 6,000 places, the total area of which reaches upwards of 347,000. The work is still earnestly undertaken every year.

Reclamation of Land—In the Law of Adjustment of Arable Land, provisions are made for affording many privileges, as a measure of encouragement, for the reclamation of waste land, lake, marsh, etc. Although the investigation into reclaimable land is not yet completed, it is believed that the area of this sort of land is very extensive.

4. MANAGEMENT OF AGRICULTURE.

—The Agriculture of Japan is conducted on a small scale and is intensive. Formally, labor was chiefly limited to the raising of cereals and cattle was bred simply for helping the work in field. In recent years, however, the method of farm management accomplished a complete change, as a result of the advancement of Agriculture, and today live stock breeding, sericulture, horticulture and handicrafts of simple nature have become to be undertaken as subsidiary work. Moreover, the farm has been so cultivated as to yield two crops a year, whenever this is possible. The purpose is, of course, to facilitate an even distribution of labor and increase production.

Utilisation of Animal Labor.—In consequence of the smallness of its scale, the agriculture of Japan used to rely principally on human labor for operation and, therefore, very little of animal work was in demand. But owing to the economization of labor, deep ploughing, supply of stable manure, etc., animal labor has come into widespread use and the number of live stock kept has of late years shown some increase. According to an investigation made at the end of 1912, there were in the country 2,290,000 head of live stock, of which 1,220,000 head were horses and the rest cattle.

Amount of Consumption of Fertilizers.—About twenty years ago, the fertilizer meant chiefly excrement, weed, and also small amount of such fertilizer as oil-cake, fish-guano and rice bran. Since then, however, with the progress of agriculture, the demand for the various kinds of fertilizers has remarkably increased and the amount of consumption in the year 1912 reached 88,000 yen in value. If such sorts as the rice bran, soylees, ashes of plants, and others, which can be manufactured without license, are taken into consideration and calculated together, the total amount of consumption must be well over 100,000,000 yen in value. When the sum is compared with that ten

years ago, it is three times as large. Of these market manures, the bean-cake, which is imported from China and Kwantung Peninsula, is most important and demanded to the sum of about 25,000,000 yen. Next come the various composition manures, the material of which is imported in large quantities, and super-phosphates of lime. As to the stable manure, made by farmers themselves, and other excrements, the amount is appraised at about 150,000,000 yen.

Subsidiary Occupations of Farmers.—As already stated, the subsidiary works have now attained such importance as to be indispensable for the management of farming business. Of all the subsidiary callings, sericulture is the most important. Next come such domestic handicrafts as the various kinds of straw works and tea manufacturing, silk reeling, the manufacture of straw braids, chip braids, matting and fancy matting, weaving, paper making, and manufacture of bamboo, wood and osier works and starch. It is generally conceded that even live stock and poultry breedings and horticulture are more suitable as subsidiary callings than as the regular, full-standing ones. As to other occupations of subsidiary nature, it is observed that those who live about wood-land, devote themselves to forestry in the intervals of farming seasons; those who live along rivers or the sea apply themselves to the exploitation of fishery; and those who live near big cities obtain jobs as wage-earners. The incomes derived in this manner go a long way in helping their household expenses.

Co-operative Management.—For our farmers, whose occupations, as already treated, are conducted on a very small scale, it is of utmost importance to afford the facilities of co-operation for their monetary circulation and saving of fund, so that they may be able to conduct their purchase of material and sale of produce in a profitable way and provide jointly any necessary equipment for the benefit of their work. In order to meet the need of this necessary co-operation, the government promulgated the Co-operative Societies Law in 1900 and endeavored to make use of it, always. Consequently, the number of co-operative societies has been increasing year after year and their benefit has become very prevalent. According to provisions of the law, the organizations can be divided among four classes: the credit society, the

purchase society, the sales society and the productive society; and each class of them is authorized to do the businesses of others, together with its own. On December 31, 1913, there were altogether 10,455 societies, of which 8,530 were credit societies and those which combined in their own the business of a credit society; 6,710 were purchase societies and those who combined in their own the business of a purchase society; 4,537 were sales societies and those which combined in their own the business of a sale society, and 1,461 were productive societies and those which combined in their own the business of productive society. The members of these societies aggregated 1,160,000, of whom farmers were numbered by 950,000, or 80 per cent. This shows an unmistakable fact that the organization is a great boon for farming community. In 1909, the Co-operative Societies Law was revised, which fact resulted in the establishment of the confederate

association and central association of co-operative societies. In the year 1913 the former associations were numbered by fifty-two in all and there is every reason to believe that they will prove a great benefit for the development of the great system of co-operation. The later association has its head office in Tokyo and branches at different localities. Its object is to disseminate the knowledge regarding co-operative society among people, effect close, mutual connections among the societies already established, and give them guidance and encouragement. Besides the above-mentioned, there are still several more organs and institutions for co-operative management, such as the guilds of various kinds, arable land adjustment associations, agricultural societies, and judicial persons, and partnerships recognized by civil codes, which are too numerous to mention here.

(To be continued.)

When Ruhlen Was Commandant

Colonel George Ruhlen, who was the Ohio State commandant for three or four years beginning in 1881, was visiting friends in Columbus last month. He was placed on the retired list this fall. In the days of Colonel Ruhlen, who at that time was a lieutenant in the regular army, he was in charge of military and instructor in mathematics.

"Seniors were allowed to drop drill," said Colonel Ruhlen, "but nearly all the seniors were officers, so practically all the students drilled, with the exception of those excused because of physical disabilities or religious beliefs. We had but 12 pieces in the band, and some of these were inexperienced musicians. The buglers, however, were considered one of the best features in the battalion. Every summer the cadets patrolled the G. A. R. encampment held at the Fair Grounds and acted as escorts for the veterans."

The uniforms of the early days were convertible, according to Colonel Ruhlen. The coats were loose fitting and had cape collars, which could be turned down and the suit worn as civilian's clothes.

"Target practice had to be discontinued shortly after it was inaugurated," continued Colonel Ruhlen, "because the neighbors objected to the noise."

The Colonel was in the infantry when stationed here. Later he was transferred to the quartermaster's department. When retired he was stationed in Washington.

The Colonel A. P. Blocksom who is mentioned as chief in command of the cavalry under General Funston, in charge of the United States forces along the Mexican border, was for two years resident in Columbus in the middle eighties, when he was on detail as instructor in military science and tactics at Ohio State University. He was the third army officer to be given such detail, Lugi Lomia and George Ruhlen being the first two. He was only a lieutenant then. Colonel Blocksom is an Ohio man, and graduated from the military academy at West Point in 1877.

Ohio State Day
Friday, November 26

Another Tribute to Lamme, '88

A recent number of the *Outlook* has the following editorial on Benjamin G. Lamme, an honored alumnus of Ohio State:

We have already reported the appointment by Secretary Daniels of his Advisory Board—a group of distinguished scientists and inventors, whose chief function will be to give advice to the Secretary of the Navy on the practicality of proposed inventions and scientific improvements for the navy. One of the interesting personalities of this Board is that of Mr. Benjamin G. Lamme, who is chief engineer of the Westinghouse Electric and Manufacturing Company. As an electrical engineer he is known the world over, and he has patented a large number of important inventions covering electrical apparatus. The Westinghouse Company is one of the foremost in the world in the development of electric power generation for industrial purposes, especially in the field of interurban and steam railway lines. The success of the Westinghouse Company in this development has been in large measure due to the ability of Mr. Lamme. He has been personally identified with the development of electric power at Niagara and on the New Haven and Pennsylvania railway systems. His appointment to the Naval Board was recommended by the Institute of Electrical Engineers, which is one of the most influential engineering societies in the world.

It is not, however, merely on the scientific side but on his personal side that he has especial interest for Americans. He takes a particular delight in discovering young men gifted along the lines in which he himself has been successful, and further placing them where they can make the most of their abilities. His own career gives him this human sympathy with young electricians, for he was born on a farm in Ohio, was graduated as a mechanical engineer from the Ohio State

University in 1888, and entered the employ of the Westinghouse Company in 1889 in a very modest capacity. It is not known how Mr. Lamme first became interested as a boy on a farm in electricity. There must, however, have been some family trait which subconsciously set him in this direction, for his brother is a well-known electrical engineer on the Pacific Coast, and his sister—let all skeptics of women's mechanical ability mark this!—was an electrical engineer in the employ of the Westinghouse Company, and achieved an enviable reputation in the profession. He is not so well known to laymen as some other inventors of less scientific ability, because he does not seek publicity; but his opinions have the force of final decisions in electrical engineering circles. One of his associates speaks of him as follows:

"If Mr. Lamme does not know the answer to a question, he is not afraid to confess his ignorance, and this very frankness and honesty make his associates the more certain that when he does express an opinion or give an answer he is absolutely correct.

"He has the unusual ability of figuring large mathematical problems in his head, never covering pages with figures. But after he has arrived at the result by a purely mental process he jots down the final answer. One of his favorite expressions, which might almost be called the maxim of his life, is that 'plain common sense counts for nine-tenths of the whole.'

"His positive confidence in himself is combined with a remarkable sense of modesty. Indeed, I would describe his most dominant personal characteristic as a 'modest self-con-

It is an encouraging sign of the times that the Government is ready to call upon scientists of this type for advice and assistance, and, on the other hand, that men of large affairs are more and more ready to give their time to public service.

One of Seven Wonders

The public school children of Columbus, in a contest, have decided that the seven "wonders" of Ohio's capital are: Pure water, the state house, Ohio State University, the street car service, the Deshler hotel now being erected at Broad and High streets, the sewage disposal plant and the public schools.

Much Demand for Spanish

Hazel Beach, '15, and Homer C. Hadcox, '13, are student assistants in the department of Romance languages because of the increase in enrollment in Spanish from 166 to 515. French courses show a normal increase and the Italian classes are making a good showing.

The Power of Publicity

By GEORGE N. COLE, '91

Conscription cuts little figure in an alumni association. Its members enlist because they wish to do so. The main question is how to make them wish—"make them wish" sounds like using force. It is using force, but it isn't using the kind of force that makes the alumnus sign against his will. That force is to be distributed and not all used on the prospective member. Some of it is to be used on the alumni association itself, some on alma mater, some on fellow members. So mould and work each of these and other factors that your prospective applicant wants to be in some or many particulars identified and active with them. Alumni associations have no mysteries or arcana to inspire with awe or curiosity the attention of a neophyte. Every part of these associations has the light of day streaming through it. They may make no promise, they must show activity.

The force used on the association should be such that the association will be actually attractive to those who join. Numerous activities already invented and to come bring this about. Plentiful local associations incessantly doing things, the sum total of which brings their members continually in touch with each other, to each others entertainment, benefit and good fellowship, is of course the main center of infection for the whole system.

To these locals the individual force of each member is applied. This same individual member is at once recruiting officer, soldier and drillmaster. He should get members, enjoy himself and start things. It is all work, but like football, if there are sufficient cheers the work will be overlooked and a beautiful crowd will be drawn and one will find that it was fun after all.

For the firm amalgamation of the various locals, we absolutely need an all pervasive general association. It is the nervous system which coordinates the whole system of a school such as ours from the governor of the state and prexy to the furthestmost youngster whose present desire is to have Ohio State

mole, rather than sheep, skins. The general association is the advertising department of the school. Others might do the work but the real enthusiasm in its performance would reside in the alumni association. They should tell themselves and every one else all about Ohio State. They should collect statistics and information. They should point the way to efficiency, testify to triumph, supplicate for sinews. Prexy is doing all of this now, but he should have the strongest kind of an alumni body behind him. They know the detail that will help him. They can carry the story that he collects. Today more than ever before Ohio State needs and can welcome publicity.

We never have had to ask for students, so that for advertising purposes any paid line on Ohio State has been superfluous, but that the country may know Ohio State and the origin and list of Ohio State's alumni, Ohio State's results, Ohio State should court publicity. She should reward her own most eminent alumni with doctor's gowns as a slight appreciation of efforts and that the world may know the source of their training. No good Ohio men like Edison and Herrick should carry any color but the Scarlet and Gray on their doctor's hoods. Ohio State should not be deprived of this honor. The state of Ohio deserves it. Ohio State should have it. The achievements of the school are the pride of the alumni. Pride in alma mater one of the largest factors in the enthusiasm and numbers of the alumni association.

So we need information for ourselves and publicity in its larger sense to the rest of the community for the good of the alumni association. We have a finely conducted MONTHLY and our all embracing catalogs and bulletins and are lead to expect films. The publications should be carefully digested by our members and as tactfully as may be passed on for publication or information as called for, while the films, especially if they can be included in the all pervasive *Weekly* should be boosted to the limit.

Ohio State is within a few of the largest in attendance in campus, in library in the country. Find out these and other things.

Tell others. If every citizen knew the status of Ohio State every alumnus within reach of a local could not be kept out of the fold. It works for other universities of considerable name. We must have as considerable a name. It is the very life of an association.

It is legitimate and auto-sustaining. It is irresistible.

So, to attract members to the general association in one phase of the matter you must use force to make the association so that the alumnus cannot afford to stay without.

Class Officers Elected

A colored student has been elected to a student office in the Ohio State University. Daniel Ferguson of Columbus, who has won laurels as a half-miler on the university track team, had no opposition to his candidacy for orator of the senior class.

Parke M. Stokes of Toronto, Canada, was elected president of the University Athletic Association, and Robert B. Nevin, Youngstown, vice president.

The class elections resulted as follows:

Seniors—Dwight C. Ginn, Piqua, president; Treva H. Pearson, Troy, vice president; Charles F. Dunham, Versailles, secretary; Ross E. Shumaker, Rockwood, treasurer; orator, Daniel Ferguson, Columbus; Ruth Horrocks, Cleveland, prophet; John M. Costello, Sandusky, ivy orator; Ruth A. Schachne, Chillicothe, poet; John W. Bricker, Mr. Sterling, memorial orator; and student council: P. J. Kimball, Mechanics-

burg; J. B. Markey, Eaton; H. S. Swearingen, Circleville, and E. P. Knoll, Norwalk.

Juniors—Dana G. Coe, Milford Center, president; Pauline Atcheson, Linden Heights, vice president; L. E. DeNeen, Monroe, treasurer; and student council: H. E. Rosch, New Philadelphia; Luke Cope- rider, Glenford; K. A. Day, Norwalk, and H. E. Koester, Norwalk.

Sophomores—Robert R. Stevenson, New Philadelphia, president; Ruth Griffith, Columbus, vice president; Katherine Woods, Toledo, secretary; O. W. Boyd, Columbus, treasurer; and student council: R. J. Dyer, Woodsfield; S. B. Creamer, Key, and Spencer Myers, Columbus.

Freshmen—Phillip Foote, Columbus, president, and H. S. Bronson, Columbus, student council.

Dye is Acting Dean

Secretary Clair Albert Dye, '91, has been appointed acting dean of the College of Pharmacy, Dean George B. Kauffman, having been given a year's leave of absence owing to illness. After his graduation, Prof. Dye was made an assistant in chemistry and pharmacy, serving until 1898, when he went to study at the University of Berne. He was granted his doctor of philosophy degree at that institution in 1901, after which he returned to Ohio State to be assistant professor in the College of Pharmacy. In 1909 he was promoted to a professorship.

Professor Dye is a member of Sigma Xi, Phi Delta Chi and the American Pharmaceutical Association. He served on the athletic board from 1893 to 1895, and was treasurer of the Athletic Association from 1905 to 1908.

First Campus Statue

The first statue to be placed on the campus is that of Doctor Willoughby Dayton Miller, which now stands west of the library and facing Neil avenue. The statue is of bronze, eight feet high, on a five foot granite base.

Dr. Miller, a native of Ohio, was born at Alexandria, Licking County, in 1853, and died at Newark in 1907. The achievements which obtained for him international fame were the discovery of how and why teeth decay. He was the first to produce artificial decay out of the mouth, and the first American to hold a professorship in a German university.

The monument will be unveiled the second week in December at the meeting of the Ohio State Dental Society, when it celebrates its fiftieth anniversary.

Prexy Makes Prediction

By PRESIDENT W. O. THOMPSON

From *The Lantern*, September 24

The annual interest in the University enrollment has reached a higher mark than usual, due probably to the fact that the records baffle any very definite conclusions at this date. The change in organization from year to year, the change in entrance requirements and the later date of registration unite to make comparisons a little uncertain. Law and Medicine with increased entrance requirements show smaller freshman classes. On the other hand, the four colleges having the largest enrollment ordinarily, namely: Agriculture, Arts, Education and Engineering, all show increases more than enough to make up the deficiency of those having advanced entrance requirements.

Agriculture is our basic industry. In Ohio the last census shows a little more than 272,000 farms. One agricultural student from each 100 farms would bring 2700 students to this college. As the generation grows in appreciation, agricultural education will increase in attendance. At present the teaching of agriculture in the rural schools, the agricultural extension work, the farmers' institute work and the general publicity given to agriculture unite to stimulate interest in both city and country.

The present war conditions and the prospect that war will continue for some time, to be followed by enormous expenditures in preparation for the next war, have stimulated industry in many lines, offering opportunity for men with technical education. Education has received a stimulus through the advanced requirements for teachers. Liberal arts, especially in courses looking toward preparation for business careers, will profit by the general conditions.

Under the normal conditions, nothing seemed to forge ahead as rapidly as higher education. The graduates from our high schools are rapidly increasing. Our cities in Ohio are increasing in population. The

University is rapidly gaining in its patronage from these cities. The wealth of the people of the state is steadily increasing. The result is that from city and country, college students are steadily increasing. The University gets its full share of this increase. The expansion for this year, or for any one year, may appear to be phenomenal, but an examination of the enrollment for any period of years will show that the movement is steady and fairly regular.

This year at the close of the third day the enrollment of those having paid their fees is 4230, as against 3459 at the close of the third day in 1914. This shows an increase of 771—a good-sized college in itself. This proportion will probably not be sustained for the period covering the second week, at which time we usually regard registration as closed. This year the registration has been more prompt and a corresponding decrease may be shown in the late registration. Nevertheless, there is good reason to assume that the net increase will be somewhere between 300 and 350 over last year. The gross enrollment for the year may show even more if the three-year students in agriculture should increase. This we have not anticipated.

Inasmuch as the total roll for the last year was about 5300, it may be assumed that for this year it will reach 5600, and possibly more.

The conditions in Ohio seem to me to indicate that within the next five years we shall go beyond 6000, and within a decade enroll 6500 or 7000 students. This would seem to be a practical maximum for some time. California for this year expects to reach 11,000 as a total enrollment.

Obviously the problem before state universities is not how to secure students, but how to provide adequately for those who come. The Ohio State University is as big as it can afford to be. Quality not quantity is now the note to be emphasized.

Future of Forestry and Horticulture

When the horticultural and forestry building was dedicated Prof. William R. Lazenby, who has been on the faculty since 1881, delivered the chief address, and as it outlines so well the purposes of those two important departments a synopsis is printed here:

The two departments for whose use this building is intended have been working units in the University for many years. From humble beginnings they have grown and prospered. As it has been my good fortune to have known these departments intimately, since their birth, I may perhaps claim the right to set forth briefly some of the reasons why they have steadily developed.

Speaking first for the older department, that of Horticulture, we have a work that was first organized in connection with the Department of Botany more than a third of a century ago. The oldest of human arts was not in royal favor then either as a means or an end in education. In the whole catalogue of human pursuits, not one was so dreaded and despised, by the average college man. It was something he didn't know and something he didn't wish to know.

In the fall of 1881 when courses of instruction in Horticulture were first offered, three students presented themselves. It was a small group of independent, determined, imaginative, young men. Soon I was proud of them, and I have been proud of them ever since.

I have been proud of many others that came after, but these were the first, so I mention their names. They were W. J. Green of Ohio, W. B. Alwood of Virginia, and W. S. Devol of California; each of whom has made an impress upon the horticulture of his adopted state. To this small number others came, then others until now the Department of Horticulture has the names of hundreds on its rolls.

The younger department, Forestry, has had a history much the same. As Horticulture was first affiliated with Botany, so Forestry was first affiliated with Horticulture. Its numbers were small at first, for in this country forestry is the youngest of the great productive arts. Not long ago, "Down with

the trees," was the cry on every hand. "Our native forests are inexhaustible." "Why teach or study forestry?" But in time Forestry too stood alone as a separate department and the number of students has rapidly increased.

Those whose acquaintance with the various departments of our College of Agriculture is confined to more recent years can scarcely realize the struggle of their early life. You know little of the prejudice to be overcome, the signal lack of sympathy, and the still greater lack of resources. In those early years the young university, because it emphasized the sciences, and taught Agriculture and the Mechanic arts was bitterly attacked from every side. It was called a "Godless institution planted in a cornfield," or as one denominational journal expressed it "a school where hayseeds and greasy mechanics were taught to hoe turnips, pitch manure, and be dry nurses to steam engines." Yet we were not discouraged. The one never-failing source of inspiration for me was grand old Dr. Norton S. Townshend, a man of foresight, one of Nature's noblemen, and one of the Fathers of Agricultural Education.

Necessity is our master, and departments like men are governed by the force of circumstances. Perhaps it was no ill fortune that those new departments met with opposition. They prospered in spite of opposition and developed strength by reason of it.

I have faith to believe that they will continue to prosper, and this faith is founded upon these among other reasons: (1) They are on a good educational basis; Horticulture and Forestry are useful, nay indispensable arts; As modern productive arts their successful practice depends upon a knowledge of science.

The relation of the art or technique of horticulture and forestry to the sciences and to a general or preliminary education always reminds us of a wheel—if you please a common wagon wheel. The hub, which is the real foundation of the structure, may well represent a public school education; the spokes radiating from the hub represent the sciences, botany, geology, entomology, chemistry, physics, economics, meteorology, etc., each of which can be pursued more or less

independently, and for its own sake. Coming last we have the felly and tire, which while depending upon the spokes, binds them together and makes a serviceable wheel. This part represents the application and technique of horticulture and forestry and similar arts. As all the parts named are essential to a good working wheel, so a general preparatory education, a grounding in the principles of science, and a good technical training, are just as essential to a well rounded course in horticulture or a good course in forestry.

Planned in this way our courses rest on a broad and secure foundation. And when we are fortunate enough to find under and above this teachers of enthusiasm and precision we have the elements of an inspiring and efficient education.

Again I believe these departments will prosper because they are good working units, not alone in the college with which they are directly affiliated, but in the university as well. These departments exemplify the fact that there is no antagonism between the old education and the new, between pure science and applied science, between the humanities and distinctly technical subjects.

The older historical subjects will probably always remain central in a great university, but departments that represent the primary and applied will constantly be added and grouped around them; and this is well, for these departments keep us near the people.

Still another reason why these departments should prosper and grow strong is that their

great working laboratories are out of doors. We have always placed a high valuation on out of door work. We have wanted to test our work in the open,—to go direct to the orchard and garden, the woodlot and the forest. Perhaps I should not speak with too great confidence for horticulture, but for forestry I will say that nine-tenths should be observation, and the faculty of observation is developed by seeing things and doing things, not by merely reading or hearing about them. We forget that the forest was the great environment in which the race was born. It is well, in this complex and artificial age, to have some of Nature's great backgrounds come into our life. Those departments that keep close to nature are likely to be sane and sound.

The last reason I shall assign for the continued growth of these departments is that they have made some contribution to the state at large. We have been willing to tell those seeking for light some things they most needed to know. This has been done in a quiet way and in a large measure personally.

The best education, the best help, is personal in character. We have no special desire to rush into extension work unless we have something to extend, and still less desire to dispense knowledge to large groups or great classes in the mass, where it is not readily assimilated. What we covet is the spirit that would aid the individual man on his farm and improve the environment of the individual home.

Boy Army of a Million

Ohio State men figure in a new military movement, according to the following from the *New York Tribune* of October 12:

A boy army of 1,000,000 is planned by the National School Camp Association, which yesterday applied to Justice Ford for a certificate of incorporation. The association will give military training to the youth in American schools, public, parochial and private, and form them into an army of defence. The incorporators are *Ernest K. Coulter*, '94, lawyer and head of the "Big Brother" movement; *William Hard*, editor of *Everybody's Magazine*; *Arthur S. Hoffman*, '97, editor of *Adventure*; *Edward F. Brown*, head of the New York School Lunch

Committee; *Dr. Charles W. Berry*, State Sanitary Supervisor; *Frederick L. Long* and *Charles G. Bond*, '99.

The organizers are co-operating with the regular army authorities and those of the national guard of all the states. In this city the use of the national guard armories has been obtained and a course of study is now being prepared. Drills will be held twice a week by drill masters of the regular army and the militia. The sponsors of the association say an army of a million or more can be made ready within the next five years at almost no cost to the government, according to their plan. This can be done without economic loss, as the embryo soldiers will not be taken from commercial pursuits.

Changes in Teaching Force

The additions to the instructional force of the University, named during the spring, summer and fall, follows:

Agronomy—E. C. Sleith, instructor; P. E. Richards, assistant, Aaron F. Head, graduate assistant; Carl W. Shiffler, graduate assistant.

Animal Husbandry—Schyler M. Salisbury, assistant professor.

Botany—William N. Ankeny, graduate assistant; Nellie F. Henderson, student assistant; Nina E. Musselman, student assistant; Paul B. Sears, instructor; Edgar N. Transeau, professor.

Horticulture—W. H. Mosier, assistant; P. H. Elwood, Jr., assistant; A. D. Taylor, professor.

Rural Economics—Paul L. Vogt, professor.

Zoology and Entomology—N. F. Howard, graduate assistant; L. A. Sterns, graduate assistant; Jesse M. Robinson, graduate assistant; T. L. Guyton, graduate assistant; A. W. Blizzard, graduate assistant.

American History—George A. Wood, instructor.

Bacteriology—Samuel J. Schilling, graduate assistant; C. Burkhardt, graduate assistant; Mary Roush, student assistant.

Economics and Sociology—E. W. Burgess, assistant professor; R. D. McKenzie, instructor; G. W. Eckleberry, assistant.

English—C. F. Lindsley, graduate assistant; Frederick W. Moore, graduate assistant; C. E. Andrews, assistant professor; Milton Percival, assistant professor; William C. Pryce, graduate assistant; Louis Foley, graduate assistant; Earl W. Wiley, instructor; Kathryn Roeser, assistant.

German—Walter French, graduate assistant; Heinrich W. Reese, instructor.

Latin—James E. Dunlap, instructor.

Physiology—H. A. Minthorne, assistant.

Romance Languages—Rive King Bowman, Hazel Beach and Homer C. Haddox, graduate assistants; Leopold Cardon, instructor.

Art—O. E. Christensen, instructor.

History and Philosophy of Education—Freda Hallie Spring, graduate assistant.

Psychology—J. W. Bridges and K. M. Dallenbach, instructors; Verona Dollinger, laboratory assistant; Mary M. Anderson, graduate assistant; Jennie Taylor, graduate assistant.

Chemistry—Dr. F. M. Stanton, instructor; Emil Balz, assistant; William J. Becker, graduate assistant; Carl S. Bell, graduate assistant; Charles S. Bennett, graduate assistant; John G. Strong, graduate assistant; Walter J. Harper, graduate assistant; Frank C. Vilbrandt, graduate assistant; Melvin G. Mellon, graduate assistant; Herbert S. Coith, graduate assistant; Charles Rudman, graduate assistant; Edgar C. Bain, graduate assistant; Wilmer C. Gangloff, graduate assistant.

Civil Engineering—Charles S. Carroll, instructor.

Electrical Engineering—T. O. Farmer, assistant; W. C. Dyer, assistant.

Engineering Drawing—S. S. Withrow, assistant.

Mathematics—Charlotte Morningstar, graduate assistant.

Mechanical Engineering—C. L. Brown and H. H. Ashinger, assistants.

Physics—Alva W. Smith, instructor; B. H. Jackson, assistant; J. H. Service, graduate assistant; E. F. George, graduate assistant; C. W. Jarvis, graduate assistant.

Homeopathic Medicine—R. C. Wolcott, E. O. Keiser and W. B. Carpenter, professors; H. J. Knapp, student assistant; Herman O. Hodson, student assistant; Leo C. Neiswander, graduate assistant; John Shoemaker, student assistant; Henry C. Prill, assistant; Carl H. Kent, house physician.

Law—Clarence D. Laylin, professor.

Anatomy—R. C. Baker, student assistant; I. G. Allen, student assistant; V. E. Sheets, student assistant; W. M. Skipp, student assistant; W. S. Taylor, student assistant; E. H. Baxter, student assistant; A. M. Elam, student assistant; William P. Smith, student assistant; Robert A. McDonald, assistant.

Pathology—D. M. Harlor, student assistant; Mrs. Alice M. Hughes, assistant.

Physiology—J. C. Edwards, instructor.

Hospital—Austin H. Leeds, interne; Peter E. Kern, interne; Clarence G. Bozman, interne; Philip J. Reel, interne; John S. Hattery, interne; William N. Taylor, interne; John T. Gibbons, interne.

Pharmacy—Karl Schmidt, assistant.

Physical Education—Florence A. Myer, assistant professor; Margaret C. Hammett, assistant; Allison W. Marsh, instructor.

Among the later appointments made to take care of the increased enrollment were:

A. H. Gilliland, graduate assistant in psychology; Ernest Siegfried, graduate assistant in English; Miss Ethel Jones, graduate assistant in chemistry; E. M. Selby, graduate assistant in American history; Paul J. Dolley, graduate assistant in chemistry; Miss Mary H. Oliver, graduate assistant in zoology and entomology.

Miss Hannah Scofield, student assistant in physical education (women); Campbell Graf, student assistant in physical education (men); Glenn O. Swing, student assistant in mathematics; Robert E. Otstot, student assistant in industrial arts; K. D. Multer, stu-

dent assistant in Park Street Dispensary; F. A. Reickhoff, student assistant in dental pathology and histology; D. V. Barrett, student assistant in freshman dental laboratory; Gus Lee Buller, student clerk, Veterinary Hospital; George B. Faulder, student assistant, College of Homeopathic Medicine; Dr. Irwin Botterhorn, clinical instructor in dental pathology.

Walter J. Pouchot and Charles W. Davis, student assistants in mine engineering; Miss Esther McGinnis, assistant in home economics; E. R. Logan and M. R. Lorenzen, student assistants in physiology; L. P. McCann, assistant in animal husbandry.

The following resignations were accepted:

A. A. Benedict, resigned scholarship in Graduate School; Willis Lane, resigned scholarship in Graduate School; Carl S. Bell, Charles R. Bennett and Miss Glenna Hesse, resigned graduate assistantships in chemistry; Jane L. Taylor, resigned graduate assistantship in psychology; A. W. Blizzard, resigned graduate assistantship in zoology and entomology; Mrs. Mary Beall Housel, assistant in English; Robert H. Salter, assistant in agricultural chemistry; Max F. Abell, assistant in field crops, also resigned.

Mozart Club 1889



Standing—Ernest Coulter, Maud Cockins, Dan Callinan, C. E. Skinner. Sitting—Misses Fritchey, March, Fenimore, Sells and Doty. Query—Who is sitting on the arm of the chair?

Can You Answer These Questions?

As a test of the general information of his students Prof. Albert R. Chandler of the department of philosophy of the Ohio State University, prepared a set of 40 questions touching current events, art, literature, history, science, and other matters to test the general information of two of his sections. The examination was taken by ten students in elementary logic and by 12 in aesthetics. Nearly all are in the Arts College or in home economics.

Professor Chandler's report follows:

"If we add together the number of correct answers to a given question and one-half the number of partly correct answers, we get a rough index of how well known that topic was. The highest possible grade would be 22, indicating that all the students answered correctly.

"This maximum was most nearly attained by 'B. C.'—the only error being one student's assertion that it means 'before the death of Christ.' Whittier General Villa, and the Titanic fared almost as well. Bergson was lowest with two partially correct answers.

"Arranged in the order of familiarity, the list would be as follows, a parenthesis indicating a tie: B. C., (Titanic, Whittier, General Villa), antitoxin (vivisection, Goethe), fossils, eugenics, Sara Bernhardt (Marconi, Luther Burbank), Victor Hugo, papal bull (McAdoo, Bismarck, natural selection), (Achilles, Raphael, Ty Cobb), (Homer, Dante, George Meredith), (Walt Whitman, Grand Canyon, Rembrandt), perpetual motion, currency bill (Von Hindenburg, Soo, eclipse of moon), Disraeli, Don Quixote, Khedive, Brickley, Richard Strauss, Irish bull (Saint-Saens, moratorium), Bergson.

"Some striking deficiencies are revealed. Moratorium meant nothing to 20 students out of 22; yet any attentive reader of newspapers last August could not fail to catch its meaning. Von Hindenburg was unknown to half the students, although he has won more personal glory from the present war than any other individual. Bergson, the most discussed philosopher of the last few years, is practically unknown.

"Richard Strauss and Saint-Saens are almost unknown, although half these students are taking aesthetics, and Columbus has splen-

did musical opportunities. Brickley's low place suggests that football reputations are sectional, not national.

"Arizona may suppose itself famous for the Grand Canyon, but 11 students located it in other states, usually Colorado, 10 did not locate it at all, and only one located it in Arizona. Achilles was frequently mentioned as the man who was dipped in the Styx by the heel. That is by no means the most important fact about him. I wonder if some students know him only through statements in physiological textbooks about the 'tendon of Achilles.' No one mentioned his quarrel with Agamemnon or his slaying of Hector.

"It is sad to find that only one of the students knew the Irish bull as a form of unconscious wit. I regretfully gave credit to two answers mentioning a variety of dog. On the other hand, the good record on 'eugenics' and 'antitoxin' seems to me highly commendable.

"Amusing errors are not lacking, though they are by no means representative. Here are some of them: Walt Whitman, 'writer of child's poetry,' 'explorer instrumental in getting Oregon territory for United States'; 'a great negro leader,' Moratorium, 'a Turkish temple.' Dante was repeatedly spoken of as a Greek. Bismarck, 'Emperor of Germany a generation or more ago,' 'present prime minister of Germany—a soldier—warlord'; 'French statesman and soldier.' Irish bull, 'practically a separate religion of the Irish.' Saint-Saens, 'a cathedral'; 'a city in the Western war zone.'

"In estimating each student's work I gave one point for each correct answer, and one-half, one-fourth, or three-fourths for partially correct answers. The possible maximum was therefore 40. The highest grade attained was 36.25, and the lowest 12.75, both made by men. The following averages will be of interest:

"All students 25.0, four freshmen (all men) 22.5, eight men, not freshmen, 26.1; 10 women, not freshmen, 25.2; 12 men in all years 24.9 aesthetics students 25.1, logic students 24.95."

The number of correct answers out of the 22 are:

Disraeli 8, vivisection 20, Sara Bernhardt

17, Von Hindenburg 11, eugenics 18, khedive 7, Walt Whitman 13, moratorium 2, Grand Canyon 8, McAdoo 14.

Dante 12, Marconi 16, antitoxin 19, Goethe 20, Bismarck 15, Saint-Saens 2, Luther Burbank 15, George Meredith 12, fossils 18, papal bull 16, Irish bull 3.

Achilles 14, Whittier 20, Bergson 0,

Richard Strauss 3, Rembrandt 9, Brickley 6, General Villa 20, currency bill 9, Raphael 11, Ty Cobb 11, Titanic 20, Homer 11, natural selection 15, Soo 9, Victor Hugo 15, Don Quixote 7.

What causes an eclipse of the moon 11, why is a perpetual motion machine impossible 11, what does B. C. mean 21.

Story of Guitteau's Life

William B. Guitteau, '97, is thus published in the Toledo Rotarian:

Within the circles of Rotary he's only Bill Guitteau, even if he has a lot of titles fore and aft.

Outside we "Doctor" him, we "Professor" him and we stick degrees on his name, like a caboose on a train.

But despoite all his knowledge, he's such a knowable Good Fellow, that he's Bill to the Bunch.

Born in Toledo on November 27, 1877.

Educated in Toledo public schools, graduating high school in 1894.

Studied one year at University of Michigan, then entered Ohio State University, from which he received degree of Bachelor of Philosophy in 1897.

Entered law department of the Ohio State University, and completed the course. Admitted to the bar in June, 1900.

Awarded President White Fellowship in Political Science at Cornell University in 1900. Received degree of Master of Arts from Cornell in 1901. Worked chiefly in field of political science and economics under Professor J. W. Jenks.

In 1902 was awarded the Harrison Fellowship in Political Science by the University of Pennsylvania. After two years work

there, received degree of Doctor of Philosophy in 1904.

Taught for several years in Toledo Central High School, then resigned in 1905 to accept position as Secretary of the Detroit Municipal League, an organization which aimed to secure better municipal government in that city.

In the fall of 1905, was offered the principalship of the Toledo Central High School, which position he filled until the death of Superintendent C. L. Van Cleve, in the fall of 1909. Elected Superintendent of Toledo schools in October, 1909, for a term of three years, re-elected by the Board of Education in 1912 for a term of five years.

In the fall of 1913, elected one of the 15 commissioners to frame Toledo's City Charter.

Author of two text-books: "Government and Politics in the United States," and "Preparing for Citizenship," both published by the Houghton Mifflin Co.

Member of Sanford Collins Lodge and of Beta Theta Pi and Phi Delta Phi college fraternities.

Didn't think it possible for one man to know so much, did you, fellows?

Well of course it wouldn't be possible for an ordinary individual, but Bill's a Rotarian.

That Old Eighth Avenue Club

Editor MONTHLY:

The Eighth Avenue Boarding Club, pictured in the October MONTHLY, was a rare bunch. If wit and humor be the proper sauce for food, as some wise ones say, there should have been few dyspeptics in that crowd. The dining table there, however, was no place for a thin-skinned person, indisposed to laugh at the baring of his own foibles.

While I cannot name all those in the picture at first glance, I can spot most of them:

Standing: Burns, —, Haney, —, Whitacre, C. C. Smith, —, Mershon.

Seated: Pomerene, C. G. Doney, Woodrow, Hawly Smith, —, Doney, —, Stanberry, Hagler, Floto, Laughlin, Skinner, Floto, Kirker.

HUGH C. LAUGHLIN, '90.

New Books by Ohio State Men

School Algebra, First Course and Second Course.

By *H. L. Rietz, Professor of Mathematical Statistics; A. R. Crathorne, Associate in Mathematics, University of Illinois, and E. H. Taylor, Professor of Mathematics in the Eastern Illinois State Normal School, New York.* Henry Holt & Co., 1915, pp. XIII, p. 271, and pp. IV, p. 235.

The first course "contains ample material for a full year's work in the first year in high school, and covers the parts of algebra most likely to be of use to the student who goes no further in the subject. It will prepare for Plane Geometry and Physics, which come later in the high school. The second volume, the Advanced Course, supplies the additional material demanded for entrance into the scientific and technical courses in our colleges and universities."

One is impressed by the clear, simple style and presentation embodied in this text. It is an advantage, too, to the pupil when he can see, as presented in the exercises and in the theory in this algebra, that the algebra itself and its symbolism is not arbitrary, but is introduced as a real advantage and for some end. This is accomplished by leading the pupil naturally from the arithmetical to the algebraic processes. The notion of a function and graphical work are given a masterly yet simple treatment, the work in graphs centering about the idea of functionality. Throughout the book are many carefully graded exercises and problems, taking, however, a middle course with respect to correlation with other subjects in the high school.

Each volume is provided with an index and table of contents. The paper, the printing and the general topography are of the usual high standard set by the publishers.

All in all it is a refreshing text in view of the great amount of discussion during the last decade on the content and ar-

range ment of the high school course in algebra. The authors are men who have served intimately in the work of these associations and who have endeavored to incorporate in this text the views of progressive teachers.

Here is a likable and teachable text, modern and progressive, and yet the teacher must be warned that no text-book can be perfect and that his equipment for teaching must be more than a mere text-book from which to assign lessons.

SAMUEL E. RASOR, '98.

* * *

Maximilian J. Rudwin, Ph.D., '13, instructor of German in Purdue University, has contributed the sixth volume to the Johns Hopkins Germanic series, "Hesperia." The title of this monograph is "Der Teufel in den deutschen geistlichen Spielen des Mittelalters und der Reformationszeit. Ein Beitrag zur Literatur-, Kultur- und Kirchengeschichte Deutschlands." The first part of this book appeared in 1914 as Ohio State University doctor's dissertation with the title "Die Teufelsszenen im geistlichen Drama des deutschen Mittelalters." Another essay of his on the medieval religious drama in Germany appeared in 1913 with the title, "Die Prophetensprüche und -zitate im religiösen Drama des deutschen Mittelalters." Dr. Rudwin has also contributed several articles on this subject to the Modern Language Notes, a Johns Hopkins philological journal, and The Open Court.

* * *

"Select Poems of Robert Browning" is the title of a volume edited by Hugh C. Laughlin, '90, principal of the Belmont School, New York City, published by D. Appleton & Company. It contains the poems covered by the college entrance examinations and a number of others illustrating typical phases of Browning's poetry. Ample foot notes are provided, and suggestive questions add to the value of the textbook.

Ohio State Day, Nov. 26th

A Letter From the Orient

The following letter, written by Anna Williams Murfin, '99, may be of interest to her friends. Mrs. Murfin left San Francisco with her husband, Lieutenant Commander Murfin, and daughter, Winifred, in March, 1914. Mr. Murfin was Vice-Governor of Guam for one year, and since then has been executive officer of the flagship of Asiatic squadron.

"Hong Kong," Mrs. Murfin writes, "you probably know, is an island, and Victoria, usually called Hong Kong, is a beautiful city of about 200,000. The white population of about 12,000 is mostly English of course, and the English have certainly made it a most lovely spot. Along the flat rim of the mountain island is a broad, beautifully kept Bund, and radiating from it, handsome business streets with many hotels and wonderful shops. Beyond this, and winding up the mountains to the "Peak" 1825 feet high are macadamized roads and cement paths. All over the mountain side are castle-like villas, with beautiful tropical gardens. Friends say it is like the Riviera.

"We saw a good many motor cars, but no horses. Everyone goes to the Peak and to all the intervening places in the cable-train or in sedan chairs. In Canton, 60 miles up Pearl River, we were eight hours in chairs, going through miles of streets too narrow even for a rikisha. That was a wonderful

day and at the end of it my brain was fagged with its weight of new sensations. We had seen such wonders of art and seen them in the making; the most exquisite carved ivories, brocades fit for the Queen of Sheba, beautiful lacquers, embroideries, carved rosewood and teak and porcelains that looked beyond price. And along with this, such hopeless poverty and squalor, such sores and deformities, such smells—oh! such smells! and such a countless population.

"A stone's throw from all this, across a little canal, is the Island of Shomeen, the English and French concessions—a few acres of familiar western world landscape, so spotless and odorless and antiseptic-looking.

"Three weeks ago we arrived in Shanghai, and I have not rested since. The shops are so alluring, the drives and parks so beautiful, and the people so interesting. Every nation under the sun is represented here and they all proudly keep their own national characteristics: a walk in the Public Gardens during the afternoon band concert is like an around-the-world movie.

"How long we shall stay on to enjoy this fascinating place I've no idea. We may go home next month, at least start home. And we may stay on another year and a half. The Saratoga may go home in July and she may not, and my husband may stay on her, and he may not. I am trying hard not to have preferences."

Even in Far-off Manila

By HARRY D. CRANSTON, '07

Early Wednesday morning, June 16th, 1915 (corresponding to 5:30 p. m., June 15th at Columbus), old Manila was rudely awakened by one of the most violent earthquake tremors which has occurred in this locality in several years. Seismic disturbances here are not uncommon, but this one was unusual, both in duration and force.

The Bureau of Science, through the newspapers, very ably discussed the causes thereof, but the July MONTHLY (just received) comes across with the real reason. It all happened at the exact hour of the chimes dedication at Ohio State, and what

we got was the echo, or more properly speaking, the recoil.

There occurred two distinct quakes, one being considerably more severe than the other, and the question might be raised as to which of these was due to the pealing of the chimes, and which to the dedication speech. However, to those who knew "Billy" Beyer intimately from freshman to senior, there will be little doubt as to the responsibility for the big "punch."

"The Man Who Rocked the Earth"; that's some title, Billy, but it's all yours—not in some fiction story, but in actual fact—

proof right here in Manila. Broken dishes and windows, cracked walls and ceilings bear mute evidence, and I would suggest that you steer clear of these parts for some years to come or risk being defendant in a goodly number of damage suits.

And now after nine years our chimes have pealed forth "to the ends of the campus and beyond." Far be it from me, an engineering grad, to plunge into the literary limelight and describe or, rather, attempt to describe our mingled feelings of joy, pride and gratitude in the final realization of our hopes. Of the chimes classes there are, perhaps, a dozen grads in the Philippines—about as far re-

moved in actual distance as could possibly be—but we, figuratively speaking, can hear those chimes just as clearly as if we stood on the steps of Orton Hall and the magic spell of their potent influence imbues us "with a deeper, stronger loyalty to Ohio State and to the cause she represents."

Now, when you people back home pull off a similar stunt, be sure to let us know. Wake us up or rather shake us up, and we'll be mighty glad to hear it or feel it. Send us another seismogram (the word is used advisedly) but next time put on the soft pedal so we won't get in bad with the property owners.

New Text Books

Four text books will soon be issued by three Ohio State University professors, Dr. David S. White, '90, dean of the college of veterinary medicine; Dr. Charles B. Morrey, '90, head of the department of bacteriology, and Professor Harry C. Ramsower, '06, head of the agricultural engineering department.

Dr. White's book is on the internal diseases of large animals. It will be suitable for advanced students. Dr. Morrey has finished the manuscript for a book on general bacteriology, which will be for elementary courses. He is also working on a book dealing with bacteriology for veterinary students. Professor Ramsower's book on "Farm Engineering" will appear about January 1.

"Types of News Stories," a new journalism textbook, written by Harry F. Harrington, '05, formerly in charge of journalism instruction at the Ohio State University, has just been published. Professor Harrington is now in charge of the department of journalism at the University of Illinois.

Prof. Thomas E. French, '96, in collaboration with Prof. Frederick W. Ives, has just published a book, entitled "Agricultural Drawing."

Three books from the pens of professors of the German department will appear soon.

Prof. M. Blakemore Evans is getting ready an edition of Hauptmann's "Einsame Menschen." Professor Evans and Dr. H. C. Keidel have completed a beginners' book in German. The book will be used in the classes this semester. Prof. Sarah F. Barrows is at work on a treatise concerning the value of experimental phonetics in the teaching of languages.

Professors Homer C. Hockett and Arthur M. Schlesinger, '12, of the department of American history, have completed a syllabus of United States history which is on the press now. This syllabus is an evolution of Bassett's Short History of the United States. It deals with the period from the beginning of our history through the election of Woodrow Wilson.

To aid students in their library work, one side of the page contains the outline, and that opposite the references, with blank spaces for note-taking. The entire work comprises 119 pages.

Prof. Charles A. Bruce, '95, of the department of romance languages is publishing a new text, "Contes Bretons." The book is a collection of short stories by M. Le Braz, who lectured in this city last spring. The text is for use in second-year French classes and will be used next semester.

October Football

The football season at Ohio State opened Saturday, October 2, after only one week of practice under Coach J. W. Wilce. Ohio Wesleyan's eleven was met on Ohio Field in the presence of nearly 5000 spectators and defeated by the score of 19 to 6. Norton made the first touchdown during the first minute of play, but in the same quarter, after forward passes and short bucks Selby scored for Delaware.

In the second period Captain Boughton blocked a Wesleyan punt within the danger zone, and Garvey fell on the pigskin behind the Wesleyan line for the second touchdown.

In the last quarter with the ball in Ohio State territory Ginn intercepted a forward pass, and sprinted 90 yards for a touchdown, after which Boughton kicked a goal. The summary:

Ohio 19		Wesleyan 6
Garvey	L. E.	Slutz
H. J. Courtney	L. T.	Miller
Karch	L. G.	Parker
Knoll	C.	Beckley
Yassenoff	R. G.	Day
Boughton (C)	R. T.	White
Ginn	R. E.	Lewis
Norton	Q. B.	Battenfield (C)
Havens	L. H.	Grose
Schweitzer	R. H.	Walters
Bolen	F. B.	Watkins

Substitutions—Ohio State, Hobt for Schweitzer, Yerges for Norton, Van Dyne for Havens, Schweitzer for Hobt, Silsby for Garvey, Schwartz for Bolen, Seddon for Knoll, Knoll for Seddon, Lapp for Yassenoff, H. J. Courtney for H. G. Courtney; Ohio Wesleyan, Boyer for Day, Selby for Grose, Grose for Selby, Knapp for Grose, Selby for Knapp, Whitehouse for Walters.

C. D. Hollenback, Colgate, referee; D. J. Henry, Kenyon, umpire; H. P. Swain, Dickinson, field judge. Time of periods 12½ minutes.

* * *

Case was defeated October 9 on Ohio Field, 14 to 0, all the scoring being done in the third quarter. Led by Boesel at full and aided by Winters' 35-yard sprint and Hobt's line plunging, the Ohio backfield trio smashed their way through the Case forwards, when Winters went over for the first touchdown six

minutes after the start. Yerges kicked goal. Case chose the kickoff again and Ohio started their second march for the goal, in which the same trio figured as before, with Winters breaking away for another long run to Case's one-yard mark, from where Hobt went through. Yerges again kicked goal.

The summary:

Ohio 14		Case 0
Garvey	L. E.	Graves
H. J. Courtney	L. T.	Clark
Karch	L. G.	Kretch
Seddon	C.	Ovington
Yassenoff	R. G.	Erban
Boughton (C)	R. T.	Conant
Silsby	R. E.	Allen (C)
Yerges	Q. B.	Hense
Winters	L. H.	Mugg
Schweitzer	R. H.	Bannerman
Schwartz	F. B.	Jenkins

Substitutions—Knoll for Seddon, H. G. Courtney for Yassenoff, Norton for Yerges, Van Dyne for Winters, Winters for Van Dyne, Havens for Winters, Hobt for Schweitzer, Schweitzer for Hobt, Bolen for Schwartz, Putnam for Bolen, Boesel for Putnam; Howard for Graves, Cullen for Clark, Kellogg for Conant, Boley for Erban, Markle for Boley, Post for Mugg, Sweeney for Post, Graves for Bannerman.

Referee, Dr. "Jack" Means, Pennsylvania; umpire, D. J. Henry, Kenyon; field judge, Dr. Eckstorm, Dartmouth. Time of periods, 15 minutes.

* * *

Then came, on October 16, also on the home field what Ohio State regards as a great victory, for Illinois, the mighty Western Conference champions, were able to get only a 3-3 score. It was the homecoming game attended by many alumni, who saw one of the greatest contests ever held on Ohio Field. While it is true that two of the Illinois stars were unable to play, Ohio State also lacked the services of its great fullback, Boesel. The champions outweighed the State players nearly 10 pounds to a man, but in action there was nothing to indicate that the Scarlet and Gray was outclassed. That the latter players were in fine condition is shown by the fact that only 13 men were

used in the whole game, while the Illinois team required frequent substitutions.

During practically the whole game the advantage was with Ohio State as their opponents never were within their 10 yard limit. At one time Ohio State was within two yards of the Illinois goal.

Both field goals were kicked in the last period. After an exchange of punts, Yerges caught Purcell napping and lifted the ball over his head to the 22-yard line, where the Illinois man was downed in his tracks. Illinois was unable to make the raffle and punted to Ohio's 35-yard line. Sorensen carried the ball four times for a total gain of 17 yards. He was relieved after this splendid bit of work by Schwartz, who hit the line for four yards and first down. After three more attempts at the line, six yards remained when Yerges dropped back to punt, but instead shot a short forward pass into Winters' waiting arms and a gain of 15 yards was the result.

Again the stands called for a touchdown and the team responded by marching to the 26-yard line, where they were held for a three-yard gain in the three downs. Winters dropped back, and after fixing things up with Yerges at the helm, delivered the necessary touch to the ball and it traveled true and cleanly over the bar for Ohio's score. Less than four minutes of play remained.

Captain Watson, for Illinois, ordered that Macomber should show all the wares of the losing team and the open game with long forward passes began. Time after time Macomber would hurl the ball down the field for 20, 30 or 40 yards, with an average of one out of four successful, but it was this one out of every four that counted, and in two minutes the ball was on Ohio's 12-yard line in the southwest corner of the field. There was but a minute and a half to play, and Macomber brought the ball out in front of the goal posts by a side run and then dropped the ball over the bar, a kick which meant a chance at least for the Illini to win another conference championship and the blotting of Scarlet and Gray hopes for a 3 to 0 score.

The summary:

Ohio 3	Illinois 3
Bolen	L. E. Kraft
H. J. Courtney.....	L. T. Rundquist
Karsh	L. G. Applegant
Knoll	C. Watson (C.)

H. G. Courtney	R. G. McGregor
Boughton (C.)	R. T. Petty
Ginn	R. E. Brenneman
Yerges	Q. B. Macomber
Winters	L. H. Anderson
Norton	R. H. Pethybridge
Sorensen	F. B. Halstorm

Substitutions—Ohio: Hobt for Norton, Norton for Hobt, Schwartz for Sorensen. Illinois: Macomber for Pethybridge, Purcell for Macomber, Hanschman for McGregor, Squier for Kraft, Klein for Brenneman, Scovill for Macomber, Macomber for Purcell, Cowell for Petty, Phipps for Brenneman.

Referee, Mr. Eckersall, Chicago; umpire, Mr. Nichols, Oberlin; field judge, Mr. Gordon, Harvard; head linesman, Mr. Page, Ohio Wesleyan. Time of quarters, 15 minutes.

* * *

The last game of the month was played at Madison with the Wisconsin team, which, it is believed, stands the best chance for championship honors in the Conference this year. Again was Ohio State clearly outweighed, and lost by the score of 21 to 0, only by the wearing out process, for the first half the Badgers being kept scoreless. Not only that, but on at least three occasions the Badgers were held close to the goal line, once, indeed, when they had the ball within one foot of State's line.

In the middle of the third quarter, Wisconsin got the ball near the middle of the field, made two forward passes for 35 yards, after which Byers made an end run for a touchdown. In the last quarter this same mighty player scored by another end run, and a while later made a forward pass to Buck, who made the final touchdown.

Until they were completely worn out, Ohio displayed the power and strength which had almost overwhelmed the champion Illini. Early in the first quarter Wilce's proteges threw the biggest scare of the season into the supporters of the Cardinal. Taking the ball on the 30-yard line, Ohio rushed down the field. Line smashes, followed by two end runs by Hobt and Winters, soon had the ball on Wisconsin's 12-yard line. But here the Badger forwards held, and after two attempts to pierce the line, an attempted forward pass failed and Simpson got the ball. This was the nearest

the Buckeyes were able to fight their way toward the Cardinal goal.

Once again in this quarter the Scarlet and Gray rushed the pigskin toward the Badger goal, only to lose it after getting within the 25-yard marker.

The power of the Badger offense is shown in the fact that they made 21 first downs for a total of 393 yards, against 11 first downs and a total of 181 yards for the Buckeyes. Wisconsin also showed their marked superiority in the open game, making good on seven forward passes out of 17, for a total of 139 yards, while Ohio was only successful in three tries out of eight attempts for a gain of 23 yards.

The summary:

Ohio 0	Position	Wisconsin 21
Bolen.....	L. E.	Stavrum

Courtney, H. J.	L. T.	Buck (C.)
Karch.....	L. G.	Hancock
Knoll.....	C	Pottinger
Courtney, H. G.	R. G.	Gardner
Boughton (C.)	R. T.	Koch
Ginn.....	R. E.	Rau
Yerges.....	Q. B.	Simpson
Winters.....	L. H.	Byers
Hobt.....	R. H.	Smith
Sorensen.....	F. B.	Galvin

Substitutions — Boesel for Sorensen, Schweitzer for Hobt, Lapp for H. J. Courtney, Schwartz for Boesel, Norton for Schweitzer, Havens for Winters, Peabody for Ginn, Walsh for Galvin.

Officials—Page, Ohio Wesleyan, referee; Schommer, Chicago, umpire; Dewitt, Harvard, head linesman; Hammond, Michigan, field judge. Time of periods, 15 minutes.

Barsamian Executed

Dicram Barsam Barsamian, 1908 arts-law student, was hanged in Constantinople by the Turkish government, suspected of being a Russian spy. Barsamian was executed in July along with 30 other Armenians, according to an Armenian newspaper published in Boston.

Barsamian was a leader in university life here and rose to high position in Turkey on his return after graduation. He became successively professor of English at Marsovan College, dean of Adrianople College, English professor at the University of Constantinople, member of the Turkish parliament and secretary of the American embassy at Constantinople. In the last capacity he was sent to the United States with a message from the Turkish government to President Taft.

Barsamian supported himself while in college by lecturing throughout the state. He was chosen director of the Glee Club, was a member of the varsity debating team, the French Dramatic Society and lieutenant in the university regiment.

A Ticklish Situation



Photograph by H. A. Clark, '02

DO YOU KNOW WHO THEY ARE?



'92 STOLE '93's CAPS

Irving I. Dungan, Percy Martin, Herbert L. Johnston are in the picture. Who is the other man? Who can tell the story of the cap incident? And, finally, who sent the photograph to THE MONTHLY?



Geologizing With Dr. Orton 25 Years Ago. Who Are They?



Marriages

John H. Eagleson, '00, law, '04, and Miss Isabel Dobbie were married October 16, at the home of the bride's aunt, Mrs. Margaret McDonald, 689 East Broad street, Columbus. Only members of the two families were present. After the ceremony Mr. Eagleson and his bride left for a trip. They are at home at 55 North Twentieth street. The bride is the daughter of Mr. and Mrs. John Dobbie and the bridegroom is the son of Rev. and Mrs. William Stewart Eagleson, 84 North Ohio avenue.

Mary C. Wakefield, '13, daughter of Rev. and Mrs. T. G. Wakefield of West Lane Avenue, and John B. Dickson, '13, of East Patterson Avenue, were united in marriage September 26 in St. Mark's Methodist Episcopal Church, Boston, by Rev. Willis P. Odell. Mrs. Dickson will continue her studies at Radcliffe, where she will take her doctor's degree next June. Mr. Dickson is a student at the Massachusetts Institute of Technology, where he will take his doctor's degree. Both had been instructors in Ohio State.

Harry D. Cranston, '07, and Helen Clark, of Schenectady, N. Y., were married in the Episcopal church of Manila, June 19, the bride having arrived shortly before from America. Following the ceremony a wedding dinner was served to 14 guests at the residence of Mr. and Mrs. Harry J. Morgan, at No. 373 Calle Nozaleda, in honor of the bride and groom. They took up their residence temporarily at the Manila Hotel, and later took their wedding trip to Japan.

Mr. Cranston, who is the consulting electrical engineer for Frank L. Strong & Co., has been a resident of Manila about eight months, and was for nine years connected with the General Electric Company in the United States.

Kathryn Darnell, '11 and Samuel R. Guard, '12, of Chicago, were married October 7, at the home of the parents of the

bride, Mr. and Mrs. George Briggs Darnell, in East Eighteenth avenue, Columbus. Mr. Guard and his bride were graduated from Ohio State University. After January 1 they will be at home at 14 Garden street, Park Ridge, Ill., a suburb of Chicago.

In St. Joseph's Cathedral, October 5, Elizabeth Carroll, ex-'15, became the bride of George Fergus Wieser of Marietta. Mr. Wieser and his bride left for a wedding trip to New York, and after November 15 will be at home at 229 Fourth street, Marietta. The bride is a graduate of Ursuline Academy at St. Martin, Brown county, and later attended Ohio State University. Mr. Wieser was graduated from Marietta College and Cornell.

Mrs. Conrad Grener announces the marriage of her daughter, Elizabeth Catherine, to August William Weber, '12, 1452 Hunter Street, Columbus, son of Mr. and Mrs. W. F. Weber of Dublin, Ohio. The wedding took place on October 6, at the home of the bride's mother, near West Jefferson. Mr. Weber is a graduate of Ohio State University.

Announcement is made by Mrs. Stella V. Kellerman of the marriage of her daughter, Miss Maude Kellerman, '09, to Walter Tennyson Swingle, Oct. 2, in Washington. Mr. and Mrs. Swingle are at home at 2722 Connecticut Avenue, Washington. The bride's father was the late Professor Kellerman of Ohio State University faculty.

The wedding of Mary Welch, daughter of Mr. and Mrs. Edward Welch, 144 East Lincoln Street, Columbus, and F. Howard Stowell, '10, son of Mr. and Mrs. Daniel Stowell, 404 North Monroe Avenue, was an event of October 5. The ceremony took place at Sacred Heart Church.

The wedding of Doris Dorothy Dana, '12, of Cleveland, formerly of Columbus, and Harry Homer Harsh, '07, of Garrett, Indiana, was an event of October 4.

Kenneth Gibson Hancher, '15, and wife (Ina Belle Schob), who were married September 11, at the home of the bride's parents in Marietta, are at home in Lansing, Mich. Mr. Hancher is instructor of chemistry in the Michigan Agricultural College.

Miss Edith Eugenia Williams, ex-'14, and Hugh Raymond McAnall, '14, were married September 29, at the home of the parents of the bride, Mr. and Mrs. Daniel Williams, 98 East Maynard avenue, Columbus, by Rev. William Houston.

Dr. and Mrs. John Howard Vorhes (Nellie Price of Baltimore), who were married early in August, are at home at 160 North Eighteenth Street, Columbus. Dr. Vorhes was graduated from Starling-Ohio Medical College in 1912.

Dorothea Magruder, daughter of Samuel A. Magruder, and Harry T. Belknap, '08, were married October 23. After December 1 he and his bride will be at home at

1439 East One Hundred and Sixteenth Street, Cleveland.

William A. Schertz, '04, was married to Mrs. Alice Kelley, in the La Salle Hotel, Chicago, October 2. Their home is in Milwaukee where Mr. Schertz is connected with the Allis-Chalmers Co.

Hazel M. Shook, '15, was married to Charles R. Snyder, ex-'15, on August 17. Their home is 4631 Lake Park avenue, Chicago.

The marriage of Ethel Crawfis, ex-'15, and Thomas C. Richmond, '13, took place October 5, at the bride's home in Continental, Ohio.

Wencel J. Kostir, '12, and Mary Storer, '13, were married June 18. They live at 19 Huston-Fergus Court, Columbus.

Beatrice Martz, ex-'16, was married to Paul McCaughey at Greenville, O. Their home will be in Honolulu.

Engagements

The engagement of Hazel Williams, '14, and Leslie W. Lapp is announced. Miss Williams is a daughter of Mr. and Mrs. Charles F. Williams of Arcanum and is a graduate of Ohio State University. Since her graduation Miss Williams has been with the extension service as instructor to home economics. Mr. Lapp is a former student. He is a son of Mr. and Mrs. C. B. Lapp of Stephentown, N. Y.

The engagement of Rosalind Knise, of Susquehanna, Pa., to Herbert E. Otting, '13, is announced. The wedding is to take place at the home of Miss Knise shortly after Mr. Otting's return from England, where he is

now organizing laboratories for the John Wildi Evaporated Milk Co., of this city.

The engagement of Cora M. Beal, daughter of Mr. and Mrs. D. S. Beal of 92 Reeb avenue, Columbus, to Elihu B. Blakeslee, '09, son of Mrs. E. C. Blakeslee, of Medina, is announced. Mr. Blakeslee is a graduate of Ohio State University. The wedding will take place in November.

Announcement is made of the engagement of Jeannette Stivers, daughter of Mr. and Mrs. J. Robert Stivers of Ripley, and Maurice Briggs, '14, of Portsmouth. Miss Stivers was graduated from the Hathaway Brown School of Cleveland and Miss Scoville's School, New York.

Don't Forget Ohio State Day

Births

To Dr. Morse F. Osborne and Mrs. Osborne, a son, Herbert Boner, born September 29, in Columbus. Dr. Osborne was graduated from the Medical College in 1912 and his wife was Miss Hollis Boner, who was in the University in 1911.

To Clare O. Ewing, '12, and Mrs. Ewing (Marie Murphy, '13) a son, Robert

Arno, June 20. Mr. Ewing is in the pharmacognosy laboratory of the bureau of chemistry, Washington, D. C.

To Edward Faber Biggert, '13, and Mrs. Mary Cotter Biggert, '13, a daughter, September 22, at Mt. Carmel Hospital, Columbus.

Deaths

Stricken with apoplexy while walking near Price and Dennison Avenues, Columbus, October 22, Davis D. Dun, aged 55, president of Dun's Rental and Real Estate Agency, fell to the pavement. He was taken to Protestant Hospital, where he died the next day. He was in the University in 1881. Beside his widow, Mr. Dun is survived by John J. Dun, a brother, and Mrs. W. B. Perley, Mt. Clair, N. J., a sister. His mother, Mrs. Byron Hutchinson, lives in Dublin. Mr. Dun came to Columbus from Dublin 20 years ago and founded a real estate business. George W. Dun, publisher of the Toledo Times, whose death occurred suddenly last December, was a brother.

Guy Stuart Comly died in Columbus, October 20, aged 51. He was an authority on financial news and for many years was in

charge of the Wall Street bureau of the Associated Press. Prior to that Mr. Comly had been a member of the Washington staff of the Association. Mr. Comly was a son of the late Gen. James M. Comly, editor of the *Ohio State Journal*, and one-time Minister to Honolulu. In 1911 his health broke down, and he was compelled to relinquish his post in New York. He attended Ohio State in the early eighties, and was a member of Phi Kappi Psi fraternity.

Ben W. Chamberlain, ex-'00, ended his life by shooting in Los Angeles, Cal., September 23, as a result of despondency, due to failing eyesight. He was 37 years old. He had been in the meat and provision business in Los Angeles for a year. At one time he was an officer in the Ohio National Guard and a member of the governor's staff.

Class Personals

(Names of Class Secretaries Appear Under Class Numerals.)

'78

Dr. A. B. Townshend, 45 W. 35th street, New York.

'79

Newton Anderson, Asheville, N. C.

'80

Florizel Smith, 970 Bryden Road, Columbus.

'81

Dr. David O'Brine, Urbana, O.

'82

H. L. Wilgus, 1547 Washetaw Avenue, Ann Arbor, Mich.

'83

F. W. Sperr, 315 Florence street, Houghton, Mich.

Section II of the Pan-American Scientific Congress will discuss problems of international interest in astronomy and geodesy and in meteorology and seismology. The chairman of this section is Dr. Robert S. Woodward, president of the Carnegie Institution of Washington. It is divided into two subsections: astronomy and geodesy, of which Dr. Woodward is the chairman; and meteorology and seismology, of which Professor Charles Frederick Marvin, chief of the United States Weather Bureau, is chairman.

'84

E. E. Sparks, State College, Pa.

'85

C. F. Scott, Sheffield, New Haven, Conn.

'86

Mrs. J. P. Milligan, 301 Sixth avenue, Columbus.

'87

Olive Jones, Ohio State University.

Rev. William Hamilton Hannum, wife and three daughters, who have been living in Wooster during the past year, have gone to Deer Lodge, Mont., where Rev. Mr. Hannum has accepted the presidency of the College of Montana, a Presbyterian school. For many years previous to his residence in Wooster he was a missionary in India.

A. W. Jones is vice president and general manager of the Carter Construction Company, New York and St. Louis, now constructing a four mile tunnel under St. Louis, carrying Mill Creek and serving as an intercepting sewer. By engineers it is regarded as a difficult tunnel job, but will be completed by January 1 next, a year ahead of schedule time.

'88

F. M. Raymond, 215 W. 10th avenue, Columbus.

'89

C. P. Sigerfoos, University of Minnesota, Minneapolis.

'90

Ellen B. Talbot, Mt. Holyoke College, S. Hadley, Mass.

'91

Frank W. Rane, State House, Boston, Mass.

Emma Anna Ruppertsberg is teaching at Concordia, Kans.

'92

L. H. Goddard, 1736 G street, Washington, D. C.

'93

J. J. Green, R. F. D. 3, Box 18 K, San Diego, Cal.

Prof. William L. Graves of the department of English has been chosen chairman of the faculty social committee. He succeeds Prof. Charles St. John Chubb, '04, of the department of architecture, who resigned.

'94

Dr. Marion Whitacre, 2206 Auburn avenue, Cincinnati.

'95

Abigail E. Simpson, 221 Marshall avenue, Columbus.

Dr. Harry H. Snively of Columbus, who is in charge of the American Red Cross hospital at Kief, Russia, has been given the rank of general by the Russian government in recognition of his good work, according to Captain D. L. Hough, representing a committee of Americans in Petrograd, who has arrived at New York. Dr. Snively, in letters to Columbus friends, said that he expected to be recalled in October because of the lack of funds available for the hospital. There is a large force of American surgeons and nurses working under his direction at the hospital. Dr. Snively's assignment of duty was for a period of six months. He is a major in the medical department of the Ohio militia.

'96

H. D. Bruning, State Highway department, Columbus.

Josephine Barnaby spent the summer touring the Pacific coast. She returned to Cleveland via the Canadian Rockies.

Charles Workman is manager of the Ohio Leather Company, Front and Maple streets.

James Bertrand Rogers is general manager of the Kewanee Coal Mining Co., Kewanee, Ky.

William F. Jones is located at McCook, Nebraska.

Oliver Parker Fritchle is president of the Fritchle Automobile & Battery Co.

'97

H. S. Bronson, 511 Chamber of Commerce, Columbus.

'98

C. W. Weick, Teachers College, New York.

Charles L. Barnaby, formerly of Fort Wayne, is now located at Grand Rapids, Mich., as division engineer of the Grand Rapids and Indiana Railroad.

Captain George D. Freeman, Jr., Mrs.

Freeman and son, George III., visited at the home of Mrs. George D. Freeman in Grandview, Columbus, in September. They were on their way to Fort H. G. Wright, New York, having just returned from Honolulu, H. I., where the captain was on service for four years.

'99

F. W. Gruen, 121 Holt street, Dayton, O.

'00

A. G. McCall, Ohio State University.

Florence L. Bell is in charge of the department of English at The Wallace School and Conservatory, Columbus. Miss Bell has done work in dramatic criticism and special correspondence for Columbus papers.

'01

Rudolph Hirsch, 4121 Kenwood avenue, Kansas City, Mo.

A. F. Conradi is professor of zoology and entomology at Clemson College, Clemson, S. C.

'02

D. C. Jones, 207 S. Sixth street, Ironton, O.

Edith Carlisle Corner married Ray Addison Sigsbee August 14 at the home of her sister, Mrs. Albert E. Sellings, Port Jefferson, Long Island. Mr. Sigsbee has the degree of Ph.D. from Leipsig, and is professor of philosophy at Miami University, Oxford, Ohio.

'03

Mrs. W. E. Harbottle, 437 Forest avenue, Dayton, O.

Ernest Barrow is the manager of the *Paris Daily Mail*, which is owned by the London Mail. After leaving the university he worked for the Hocking Valley railroad nine years, and then went abroad, working for a while on a Swiss paper, then going to London and Paris.

J. G. Sanders is state entomologist, Madison, Wis.

W. L. Mattoon has removed from 104 West Lane avenue, to 175 13th avenue, Columbus.

'04

T. J. Corkery, 405 Hyde Building, Spokane, Wash.

Mrs. Sterne Morse (Mary Isabelle Weber) is residing at 39 Bennett avenue, New York City.

John Scott Riddle is manager of power with the Laurentide Co. of Canada.

'05

Mrs. C. B. Asher, 1922 Madison avenue, Washington, D. C.

Wakeman C. Bell, of Chicago, has resigned from The National Boiler Washing Co. and gone into the manufacture of "Case Hardening" materials.

Charles R. Hepner is with the Peerless Motor Car Co., Cleveland, O.

A. L. Harrington is superintendent of Transmission Department of the Carolina Power and Light Company, Raleigh, N. C.

William E. Sealock, who has been a member of the faculty in Miami College at Oxford and inspector of high schools of the State, has gone to Iowa State College at Ames, where he has the chair of history and philosophy of education.

'06

Rush M. Greenslade, 109 S. C. street, Muskogee, Okla.

On October 11, Percy F. Todd left the King Motor Car Company of Detroit to take a position with the Brush Engineering Association. His address is 24 Peterboro Street, Detroit.

Earl L. Bowser is manager of the condensing plant at Westfield, Pa.

Mrs. C. R. Emry, formerly Miss Opal I. Tillman, is located at Weldon, this state, but expects to go to Washington, D. C. soon.

Herbert S. (Dave) Warwick is the general agent in Columbus of the State Mutual Life Assurance Company of Worcester, his offices being in the Chamber of Commerce Building.

'07

Mrs. H. L. Eicher, 2004 25th street, N. Seattle, Wash.

The *Colliery Engineer* for October contains the following item:

"Irving R. Gard will act in a consulting capacity for the Columbia River Coal Dock Company of Portland, Ore., in the construction of its new coal storage and ship bunkering docks to be erected on the Columbia River at North Portland. The installation is to be one of the largest and most complete on the Pacific Coast."

Ralph Edwin Hecker is manager of the Flushing district of the New York and Queens Electric Light & Power Co., Flushing, N. Y.

Mrs. Logan Hyslop (Edith Wilson) is at Homedale, Idaho.

Prof. Z. P. Metcalf is professor of Zoology and Entomology at A. & M. College, West Raleigh, N. C.

R. L. Shields is professor of animal husbandry at Clemson College, at Clemson College, S. C.

Anna B. Shigley is teaching English in the high school at Spencer, W. Va.

'08

Columbia A. Thompson, 1858 Summit street, Columbus.

Edith Hyde is assistant reference librarian at the University of Iowa, Iowa City.

Henry M. Grossman is sales engineer for the Spencer Turbine Cleaner Company, located at Columbus.

Warren H. Booker is chief of the bureau of engineering and education of the state board of health, Raleigh, N. C. Mrs. Booker was Anne S. Leaming of the class of '08. Their home is 503 North Wilmington street.

Carl J. West has resumed his position in the mathematics department of the Univer-

sity after a year's leave spent at Cornell, where he received the degree of doctor of philosophy.

Burt Miskimen is specializing in sheep farming at Newcomerstown, O.

Albert R. Moist, formerly manager of the Sheffield Farms, Glendale, Ohio, is now connected with the Bureau of Animal Industry of the U. S. Department of Agriculture and is working on horse breeding investigations in the southern states.

Stanley B. Stowe makes a specialty of raising hothouse lambs at Leesburg, O.

Robert C. Wright, bacteriologist in the Bureau of Plant Industry of the U. S. Department of Agriculture, is located at Riverside, California.

'09

Mrs. K. H. Middendorf, 5120 Gramercy Place, Los Angeles, Cal.

Robert N. Waid has been appointed division engineer in the state highway department at a salary of \$2100, to succeed Tracy Brindle, resigned. Mr. Waid has been in charge of the construction of the old National Pike. His territory now will include that through which the National Road runs and he will continue to have direct supervision of its construction.

H. H. Hoberg is with the Miller Tire & Rubber Co., Akron, O.

Elizabeth Jefferson is in the home economics extension service of Delaware College, Newark, Del.

J. C. McNutt is professor of Animal Husbandry at A. & M. College, West Raleigh, N. C. He is going to the Massachusetts Agricultural College at Amherst about Christmas. Professor McNutt's wife (Edith Huntington) is an ex-student in domestic science.

'10

Louise Stitt, East Liverpool, O.

Harry R. O'Brien is instructor in industrial journalism at Iowa State College, Ames. He was in the department of journalism at Oklahoma State Agricultural and Mechanical College during the past two years.

Mark Constant Cosgray is manager of the electrical department of the Matthews Boat Co., Port Clinton, O.

Josiah Dix Kinnear is purchasing agent for the Prime Western Spelter Co., Iola, Kans.

Ivan L. Wilkins is pastor of the Presbyterian church, Amanda, O.

W. A. Richey has removed from 69 Monticello avenue to 56 Gautier avenue, Jersey City, N. J.

I. B. Caris is maintenance engineer with the Semet-Solvay Co., 305 Delaware street, Syracuse, N. Y.

Stanley E. Gillespie is sales engineer of the Union Switch and Signal Company, with offices in the People's Gas building, Chicago.

Phillip Luginbill is in charge of the United States Entomological Laboratory, University of South Carolina, at Columbia, S. C.

Blanche Davis is teaching High School at Lisbon, Ohio.

George T. Caldwell is instructor in the Department of Pathology, University of Chicago.

Benjamin H. Davis is an attorney at Cleveland, his address being 1001 Marshall Building.

Berthold W. Anspen is an instructor in floriculture and landscape gardening in Maryland Agricultural College, College Park, Md.

'11

S. J. Grosse, Safe Cabinet Company, Marietta, O.

Roy Frank Smith is veterinary inspector with the U. S. Bureau of Animal Industry, Chicago.

Hilton L. Longenecker is superintendent of the Mexico Brick & Fire Clay Co., Mexico, Mo.

Merlin R. Smith is Division Power Representative, Public Service Electric Co., New Jersey.

Miles L. Wright is in the testing department of the Public Service Company of Northern Illinois. His address is 72 West Adams street, Chicago.

Benjamin H. Olds is with the Ohio veterinary department.

Frank A. Kendig is foreman of the underground department of the Dayton Power and Light Company.

Carl D. McGuire is water works chemist, Columbus.

William Shuler, Jr., is an electrical engineer in Cleveland, having his office in the Perry-Payne Building.

'12

Mrs. L. R. Campbell, 590 Arcade, Dayton, O.

Donald K. Martin, '12, formerly connected with a Columbus newspaper and a graduate of Ohio State law school, has assumed the position of publicity manager of the Chamber of Commerce. He also becomes secretary of the membership committee.

Nellie F. Henderson is in the botany department of the Ohio State University.

Harriet Belle Conklin is teaching at Jennings Seminary, Aurora, Ill.

William W. Brownfield is in the co-operative extension work of West Virginia, being

the county agent of Barbour county, located at Phillippi.

Phil S. Bradford, for the last three years associated with J. S. Mossgrove, manager of the central Ohio branch of the American Surety Company, as attorney and assistant manager, has been made manager of the Toledo branch.

Christian D. Steiner is professor of agricultural education in the University of Utah. He writes: "I enjoy especially THE MONTHLY and feel that it is one of the worth while publications that comes to my desk."

Jesse E. Harkness is the Republican candidate for city solicitor of Zanesville.

R. M. Moody, who has been with the Western Electric Company of Chicago since July, 1914, has been promoted to the development engineering department of that company at its Hawthorne station.

'13

Marie McNamara, 458 Vermont Place, Columbus.

Otto C. Croy is teaching at Fergus Falls, Minn.

Josephine W. Richardson is Dean of Women and head of the department of Home Economics at Upper Iowa University, Fayette, Iowa.

James Clifford Schoenlaub is located in Auburn, Ala., where he is veterinarian in charge of the state serum plant and instructor with Alabama Polytechnic Institute.

Albert R. Shadle is in the Zoological Laboratory of Cornell University, Ithaca, N. Y.

Lou Niles Stott is with the Des Moines Serum Co., of Des Moines, Iowa.

Hewitt Wilson is ceramic chemist with the Northern Clay Company, Auburn, Wash.

Harry D. Drain is an instructor in animal husbandry in A. & M. College, West Raleigh, N. C.

Lee Irvin Smith is in the graduate school of Harvard University, his address being 22 College House, Cambridge, Mass.

Helen Coady is teaching in the public school at Linden, O.

Mr. and Mrs. Ernest Gard Rarey (Annetalie Bowman, '13) who were married July 14, are at home at 225 Bodman avenue, Mt. Auburn, Cincinnati. Mr. Rarey, '09, is with the Cincinnati branch of the Public Utilities Commission.

Adelaide Hardesty is engaged in the floral business with her brother in Columbus.

Izola Fries is teaching art in the schools at Lodi, Ohio.

Roger Steffan is the editor of the *Sun* of Durham, N. C. He was editor of the *Lantern* in 1912-1913, and after leaving college was state editor of the *Ohio State Journal*.

Schuyler M. Salisbury has been selected as instructor in animal husbandry to fill the vacancy made by the resignation of Gilbert Gusler last spring. Mr. Salisbury has been instructor in animal husbandry at North Carolina College of Agriculture for two years.

'14.

Carrie Clifton, Wauseon, O.

Charles Franklin Salt is instructor in Agricultural Journalism in Iowa State University at Ames, Ia.

W. A. Foster has moved from Columbus to 227 North Church street, West Chester, Pa.

Madeline Baird has charge of the Chem-

istry Department of the Portsmouth high school.

Alice Swisher is in Palo Alto, California, at the Castilleja School.

William Bredehoft, father of George Bredehoft, died at his home in Oak Harbor, O., September 23. George Bredehoft was business manager of *The Lantern* during the year 1913-14.

Lucille Kinney returned to her school at West Hammond, Ind., after spending the summer with her parents in Columbus.

Bonnydell Karns returned to her studies at Cornell this fall.

Ruth B. Habercorn, 202 W. Church street, Newark, O., writes: "The *MONTHLY* is like a breath of old times and especially dear now that I am away from the campus."

M. D. Helser has a teaching scholarship in the department of animal husbandry, Iowa State College. He expects to get his master's degree next June.

James J. Bowden, who was in Calcutta for the Standard Oil Company, is now in Niles, O., his address being 129 North Main street.

Harry Kurtz Randall is in the experimental department of the Electrical Auto-Lite Co., Toledo.

Robert Bruce Criswell is with the Sackett Mine Supply Co., Columbus.

Stanley Miller, '14, has been elected deputy city clerk of Toledo.

Norris R. Elliott, assistant in horticulture for the past two years, has taken an assistant professorship in horticulture in the University of Kentucky, at Lexington, Ky.

'15

Amy Crane, 24 E. Third Ave., Columbus, Ohio.

Eckley Gossett, colonel of cadets last year, is located in Cleveland with the Guarantee Title and Trust Company, Commercial Building.

Harry E. Johnson is a chemist in the dairy laboratory of Dr. L. H. P. Maynard, '04, at Philadelphia.

Grace Wild is the teacher of home economics and English in the Greenburg High School.

Barton T. Rinehart is superintendent of schools at North Lima.

Lee Irwin Smith has accepted a fellowship in chemistry at Harvard University.

Laura Marie Braunlin is teaching music and German this year in the New London High School.

Hulda E. Horst, Jessie Whitacre and Mary A. Graber, home-economics graduates, are assistants in the extension department of the College of Agriculture.

Sara Anna Reese, who received her degree of Bachelor of Arts in 1913 and Bachelor of Science in Education last June, is head of the Latin department in the Troy High School.

Frank E. Mason is assistant managing editor of the *American Boy Magazine* at Detroit. He was editor-in-chief of the 1913-1914 *Lantern*, assistant editor of the *Maiko* and on the board of directors of the *Sun Dial*.

Stanley Sink is an instructor in soils in the University of Maine. He writes that he attended the corn roast of the Buckeye Club of Orono September 18. There are 25 Ohioans at Orono, four of whom are Ohio State men on the faculty. They sang *Carmen Ohio*, gave

the yells, and "told stories of the good old college days (daze)."

R. M. Matthew is with the Ohio Tool Company of Charleston, W. Va.

Roy B. Schank is with the engineering department of the American Telephone and Telegraph Company in New York City. He was elected to Sigma Xi last year.

Mary M. Kelso is teaching in the New Madison High School.

Irma Price is attending the Presbyterian Training School in Chicago.

Amy Crane is assistant registrar and librarian at the College of Medicine of the University.

Edward Bretschneider is in the chemical Department of the Kauffman-Lattimer Wholesale Drug Company.

Misses Clara Bancroft and Almeda Jones are teachers of domestic science in the public schools of Columbus.

Clara Roloson, '15, who is teaching in the high school at Marietta, was called to her home, 47 West Oakland Ave., Columbus, by the death of her father, Jacob S. Roloson.

Marian Nauts is teaching in the Toledo schools this year.

Gerald ("Pink") Tenney and W. J. Lambert, both last year's graduates, are with the Haughton Elevator Company of Toledo.

Elizabeth Lindsay is teaching in the junior high school in Rochester, N. Y.

Ida Bringardner is in Bryn Mawr College doing graduate work.

Gertrude A. Connors has entered the Chicago School of Civics and Philanthropy in preparation for welfare work.

Bonnydell Karns of Kendail Place is in Ithaca, N. Y., where she has resumed her studies at Cornell.

Bertha E. Hoborn is teaching French and Spanish in Shaw High School, East Cleveland.

A. D. Pitcher is in charge of the manual-training work at Greenville.

Ralph H. Durkee is teaching manual training and athletics at Wellington, Ohio.

Ralph G. Martin has taken up the practice of law in the office of Attorney D. N. Postlewaite, law '99, Columbus.

Walter M. Bergen is in the chemical laboratory of the Inland Steel Company, Indiana Harbor, Ind.

Hubert Conarroe is Y. M. C. A. secretary at Wadsworth, O.

Carl Blake Stanley is practicing veterinary medicine at Bellville, O.

Floyd Waldo Duffee is instructor in agricultural engineering at the Agricultural College of Connecticut.

Clara Ruth Roloson is teaching in the high school at Marietta, O.

Wallace LeRoy Williamson is government inspector of the Union Stock Yards, Chicago, Ill.

Francis DeSales Houston is located at Sioux City, Ia., as chief veterinary inspector.

Earl Roland Derflinger is veterinarian at Junction City, Oregon.

James Russell Sperry is veterinary inspector of the City Board of Health, Toledo, O.

Clyde Everet Dike is in the agronomy department of the Ohio Experimental Station, Wooster.

Melvin Ryder, last year's editor of *The Lantern* and author of "Rambles Round the

Campus," has accepted a position with the soil improvement committee of the National Fertilizer Association, in charge of its newspaper publicity work with headquarters in Chicago.

Mary Elliott is teaching domestic science at Central high school, Cleveland, O.

Mary Faye Durr is teaching in the high school at Stoutsville, Ohio.

Raymond Andrews Miles is doing research work at the Frink Laboratories Co., Lancaster, O.

H. E. Carr is teaching mechanical drawing in the high school at New Castle, Pa., a new course.

H. H. Beers is a tester with the Salem, O., Cow Testing Association.

Lloyd W. Ganschow is with the Central Union Telephone Company at Zanesville, O.

Paul W. Sheatsley is with the American Telegraph & Telephone Co., New York City.

Carl C. Keller is principal of the high school, Thornville, O.

Merle Wilhelm is teaching Domestic Art at Kent Normal School.

Leona Will is located at Crooksville, O.

'16

"Judge" Marion Owen of Urbana, O., a member of last year's Glee Club, passed the bar examination and was admitted to the bar last June, after only two years in the Law College at Ohio State. Mr. Owen is practicing law with his father, Thomas B. Owen, at Urbana.

Ohio State Day IS YOUR DAY

Get Ready to Celebrate it, Friday

November 26

Boost the Membership

If you are a lawyer
why not put your
card in the Monthly?
It will cost you little
to let Ohio State men
know your professional address

D. H. BAKER, Ex. '81

J. S. SCHNEIDER

Baker Art Gallery

State and High Sts., COLUMBUS, O.

The Sears & Simpson Co.
Printers and Lithographers

WALTER J. SEARS, '94 WARNER P. SIMPSON, '03
PRESIDENT VICE-PRESIDENT

THE SUN-SHINE SHOP

116-120 West Spring Street, Columbus, Ohio

Proclamation for Ohio State Day

To All Alumni, ex-Students and Friends of the Ohio State University, GREETING:

WHEREAS, the ties that bind us to old Ohio State, whatever be their nature, are strengthened and renewed through anniversaries and other celebrations dedicated to her; and the memories and ideals which cluster round her name are perpetuated and enriched by the observance of the customs which have grown up among those who delight to do her honor:

NOW, THEREFORE, By virtue of the authority vested in me by the Board of Directors of the Ohio State University Association and in compliance with their direction, I do hereby designate and appoint Friday, the twenty-sixth day of November, 1915, as "Ohio State Day." On that day let us gather at the appointed places and together sing the old songs, renew the old friendships, tell the old stories of college life and learn of the wonderful progress of the University during the past year. Let us on that occasion cultivate every means of keeping permanently in touch with the University and with each other, such as, more particularly, membership in the Ohio State University Association and in local associations of alumni and former students, all to the end that we may, in some small measure, discharge the obligation of love and gratitude which we owe to the institution of which we are so proud.

CLARENCE D. LAYLIN,
President, Ohio State University Association.

Membership Committee of 100

In compliance with the action of the board of directors President Laylin has appointed a general committee on membership whose duty it shall be to secure new members for the general association. As THE MONTHLY has pointed out in almost every issue thousands of graduates and former students who are eligible are not members, although probably every one has been approached in one way or another. Now a determined effort will be made to continue the work begun last year by the cup committee, organized by William F. Bissing of New York, who is made the chairman of the larger committee. In this tremendously important undertaking the officers of the Association ask the hearty co-operation of all members. The names of the committee of 100 follow:

William R. Bissing, Chairman.
 New York City—R. D. Mershon, H. E. Payne, E. K. Coulter, C. G. Bond.
 Ithaca, N. Y.—E. O. Fippin.
 Buffalo, N. Y.—G. H. Calkins.
 Rochester, N. Y.—R. D. DeWolf.
 Schenectady, N. Y.—J. J. Linebaugh.
 Philadelphia, Pa.—P. S. Fay.
 Pittsburgh, Pa.—N. W. Storer, C. K. Harvey.
 Washington, D. C.—C. B. Asher.
 Chicago, Ill.—J. G. Skinner, V. C. Ward, Jr.
 State College, Pa.—Hugo Diemer.
 Omaha, Neb.—A. V. Shotwell.
 Minneapolis, Minn.—C. P. Sigerfoos.
 St. Paul, Minn.—C. A. Thompson.
 Kansas City, Mo.—W. C. Polk.
 St. Louis, Mo.—F. J. Jeffrey.
 Manhattan, Kan.—F. F. Frazier.
 Lawrence, Kan.—F. E. Kester.
 Lexington, Ky.—H. R. Niswonger.
 Boston, Mass.—H. P. Converse.
 Cambridge, Mass.—F. S. Kershaw.
 Detroit, Mich.—F. E. McCleary.
 East Lansing, Mich.—J. F. Cox.
 Fort Wayne, Ind.—A. A. Serva.
 Baltimore, Md.—R. O. Evans.
 Atlanta, Ga.—Edward Dunnick.

Los Angeles, Calif.—J. A. Geissinger.
 Oakland, Calif.—W. E. Whitaker.
 Sacramento, Calif.—H. O. Williams.
 Denver, Colo.—Geo. P. Fackl.
 Seattle, Wash.—O. P. Cockerill.
 Spokane, Wash.—R. B. Morrow.
 Newark, N. J.—Merlin L. Cox.
 Charleston, W. Va.—J. T. Crane.
 Clarksburg, W. Va.—G. J. Altstetter.
 Wheeling, W. Va.—Robert Hazlett.
 Madison, Wis.—F. P. Hadley.
 Cody, Wyo.—R. L. Donley.
 Milwaukee, Wis.—Dr. Geo. F. Mason.
 Murray, Utah—E. A. Bering.
 Manila, P. I.—Antonio Toledo.
 Cleveland, O.—George Smart, W. B. Woods.
 Toledo, O.—Lloyd T. Williams, A. B. Cohn.
 Cincinnati, O.—R. E. Heekin, Marion Whitaker.
 Dayton, O.—J. B. Harshman.
 Lima, O.—C. H. Lefferson.
 Ashland, O.—Bertha Gerlaugh.
 Nelsonville, O.—C. W. Juniper.
 Wapakoneta, O.—R. E. Layton.
 Martins Ferry, O.—G. D. Kinder.
 Hamilton, O.—P. P. Boli.
 Springfield, O.—L. E. Laybourne.
 East Liverpool, O.—B. S. Purinton.
 Coshocton, O.—B. F. Voorhees.
 Bucyrus, O.—C. A. Guiss.
 Orcanum, O.—John A. Smith.
 Hicksville, O.—C. M. Lott.
 Sandusky, O.—W. P. Butner.
 Lancaster, O.—W. K. Martin.
 Washington C. H., O.—Howard Hagler.
 Cambridge, O.—C. E. Moore.
 Xenia, O.—Clarence G. McPherson.
 Findlay, O.—J. L. Child.
 Oak Hill, O.—I. N. Jenkins.
 Steubenville, O.—H. G. Bygate.
 Mt. Vernon, O.—F. J. Lawler.
 Painesville, O.—J. C. Ward.

Ironton, O.—E. E. Stewart.
 Pataskala, O.—H. S. Farber.
 Bellefontaine, O.—C. A. Inskeep.
 Elyria, O.—F. M. Stevens.
 Youngstown, O.—A. B. Calvin.
 Marion, O.—W. L. Stump.
 Medina, O.—A. W. Nettleton.
 Piqua, O.—L. R. Hager.
 Malta, O.—G. T. Hoffman.
 Canton, O.—J. M. Blake, E. C. Scheffler.
 Mansfield, O.—C. H. Huston.
 Chillicothe, O.—W. G. Hyde.
 Clyde, O.—W. A. Yeagle.
 Portsmouth, O.—R. S. Marting.
 Tiffin, O.—C. C. Porter.
 New Lexington, O.—S. A. Roach.
 Mt. Gilead, O.—H. R. Talmadge.
 Zanesville, O.—D. Y. Geddes.
 Thornville, O.—Dr. M. S. Rarick.

Circleville, O.—R. W. Dunlap.
 Campbellstown, O.—S. H. Hart.
 Ottawa, O.—L. E. Eastman.
 Akron, O.—W. J. Ahern, E. A. Kemmler.
 Warren, O.—N. H. Cobb.
 Newcomerstown, O.—Ray Shaeffer.
 New Philadelphia, O.—C. J. Knisely.
 Marysville, O.—Florence Lentz.
 Van Wert, O.—C. L. Crooks.
 Lebanon, O.—R. E. Miller.
 Marietta, O.—F. A. Caskey.
 Wooster, O.—A. D. Selby.
 Bryan, O.—W. T. Gardner.
 Bowling Green, O.—M. D. Wilson.
 Carey, O.—Frank Moyer.
 Columbus, O.—Mrs. C. C. Corner, E. G. Lloyd, Dr. G. H. Matson, L. F. Sater, Mrs. King Thompson, Josephine Matthews, J. H. Galbraith, Dr. Ernest Scott.

November Football Schedule

Nov. 6—Indiana at Columbus.
 Nov. 13—Oberlin at Columbus.
 Nov. 20—Northwestern at Evanston.

Carmen Ohio

By FRED CORNELL

Oh! come let's sing Ohio's praise
 And songs to Alma Mater raise;
 While our hearts rebounding thrill
 With joy which death alone can still.
 Summer's heat or winter's cold
 The seasons pass, the years will roll;
 Time and change will truly show
 How firm thy friendships—Ohio.
 These jolly days of priceless worth
 By far the gladdest days of earth,
 Soon will pass and we not know
 How dearly we love Ohio.

We should strive to keep thy name
 Of fair repute and spotless fame;
 So, in college halls we'll grow
 To love thee better—Ohio.
 Tho' age may dim our memory's store
 We'll think of happy days of yore;
 True to friend and frank to foe
 As sturdy sons of Ohio.
 If on seas of care we roll,
 'Neath blackened sky, o'er barren shoal,
 Thoughts of thee bid darkness go—
 Dear Alma Mater—Ohio!

ALUMNI LEGAL DIRECTORY

Legal Directory

ALABAMA

FRED S. BALL,
O. S. U., '88

W. H. SAMFORD,
Ala. P. L., '87

BALL & SAMFORD
Attorneys-at-Law
Montgomery, Ala.

NEW YORK

Ernest Coulter, '94

Charles G. Bond, '94

COULTER & BOND

2 Rector Street

New York City

OHIO

LOWRY F. SATER, '95

52 East Gay Street

Columbus, Ohio

WILLIAM MILLS MATTHEWS, '08

65-69 Callahan Bank Building

Dayton, Ohio

WM. B. WOODS, Arts '02, Law '04

1306 Williamson Building

Cleveland, Ohio

NEBRASKA

A. V. SHOTWELL, '05

Omaha National Bank Building

Omaha, Neb.

CARD OF THANKS

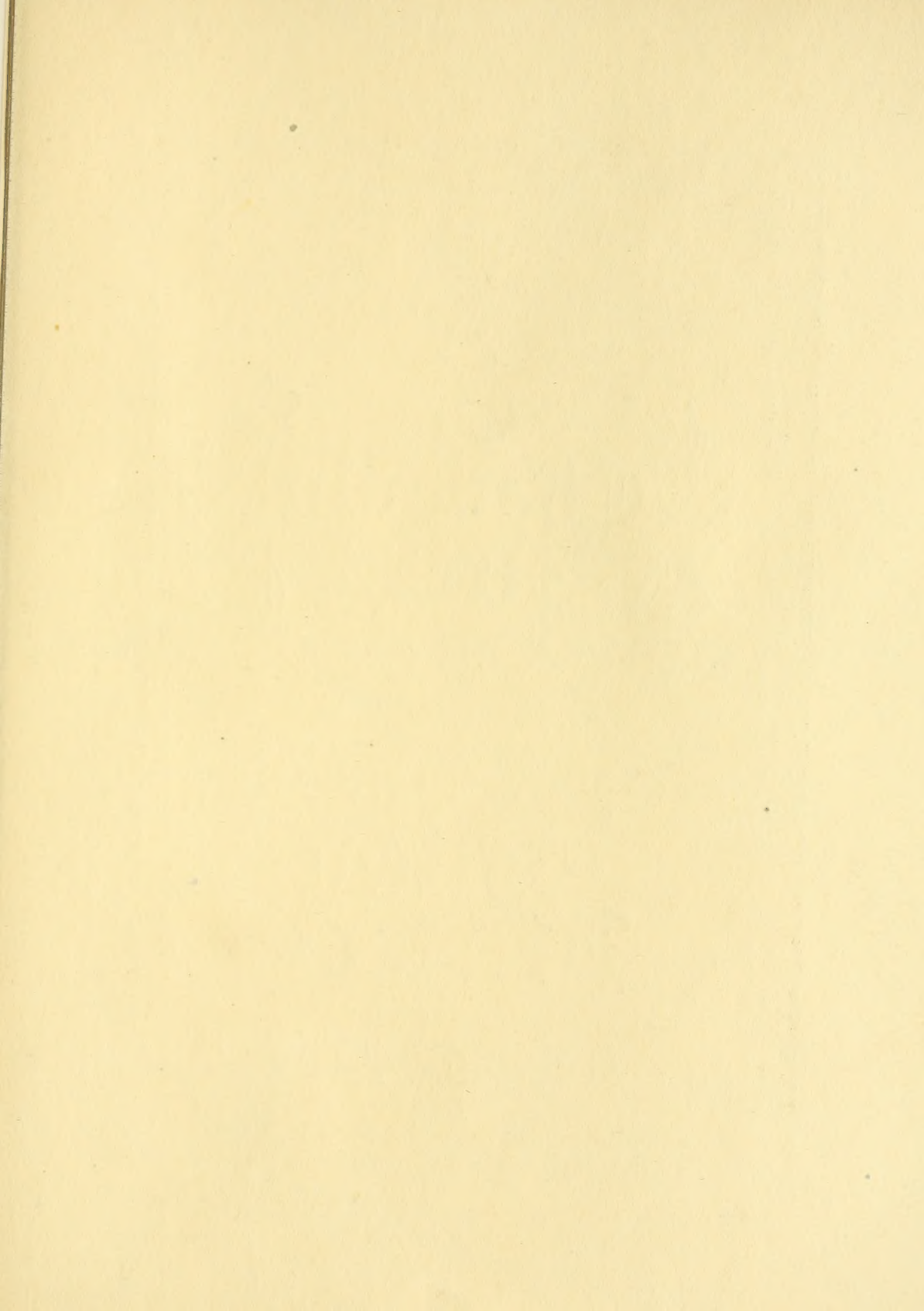
Old Bill Oversight, who is again acting as fiscal agent for a large number of alumni, wishes to return thanks through the Magazine and assure his patrons that their accounts are being handled with the utmost procrastination.

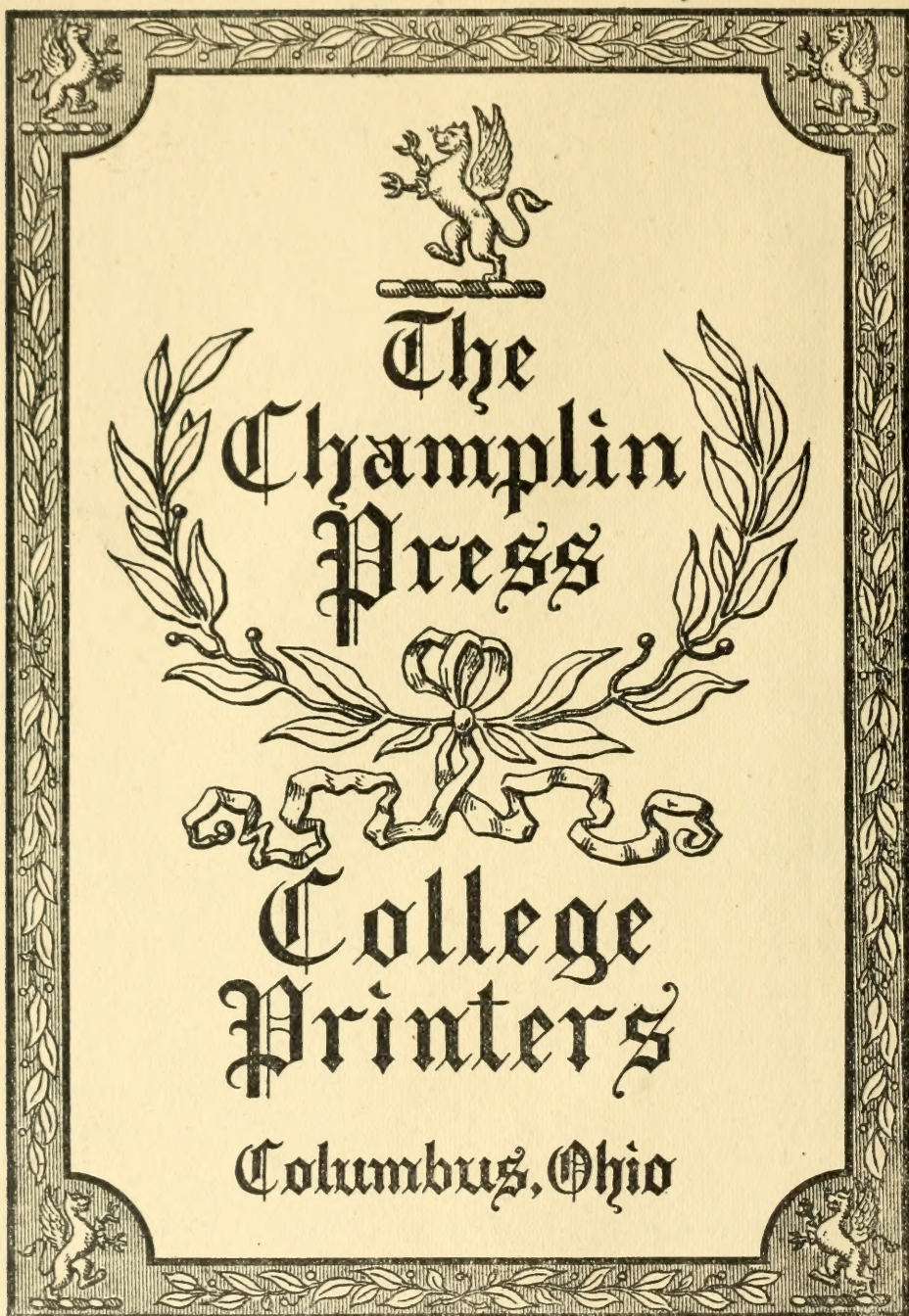
TESTIMONIAL

The alumni treasurer can vouch for the truth of the above. In fact "procrastination" doesn't half express it.

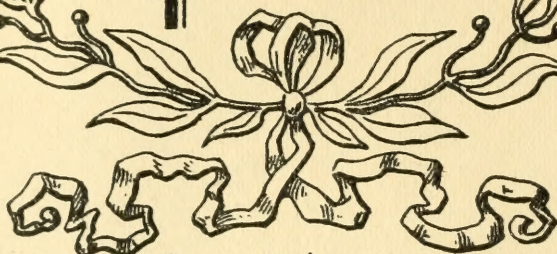
—*Graduate Magazine of the University of Kansas.*

What is True at Kansas is True of Other Universities.





The
Champlin
Press



College
Printers

Columbus, Ohio